



UNIVERSITY OF NORTH CAROLINA  
CHARLOTTE

SCHOOL OF  
DATA SCIENCE

## Updates from the Director

Happy 4th of July! We have big news, a new PHD program approved, staff changes, and new summer workshops. The Fall semester is right around the corner. ***Have you polished up your LinkedIn profile? Updated your resume?*** If not, we have a wealth of summer workshops in the pipeline- open to all SDS students. More information below- sign up today and be ready for the fall recruitment cycle. We also launched a fresh resume book for fall 2025. We continue to share these resume folders with business partners. Please submit that freshly updated resume today! ***Speaking of the fall semester- have you registered for classes?*** New and continuing students can reach out for advising sessions with [Deanna Rella](#) (Undergraduate students) or [Carly Mahedy](#) (Graduate students). ***Last item for today's newsletter- Don't be a spammer!*** We have received several complaints from faculty regarding students sending bulk emails to faculty seeking Research and Teaching Assistantships. The good news is that the majority of these emails are coming from students outside our program. Please do not randomly email faculty seeking positions. We are advising faculty not to respond and ignore these requests. All SDS students are encouraged to apply through our portals on the [HIA](#), [DSBA](#), and [Data Science](#) websites.

Be safe, and we look forward to welcoming you all b to campus this August.

Sincerely,  
Josh

**Call for Content:** *Have a story to share, an event to highlight, or a job posting? Please feel to share it with us @ [sds-communications@charlotte.edu](mailto:sds-communications@charlotte.edu)*

*Important!*

TO READ THE ENTIRE NEWSLETTER CLICK "[VIEW ENTIRE MESSAGE](#)" AT THE BOTTOM OF THIS EMAIL FOR JOB OPPORTUNITIES!

# Program Updates

## AND CAMPUS NEWS

### PhD in Data Science Approved!

It has been a long journey, but the School of Data Science has big news! The Ph.D. program in Data Science will launch in the Fall of 2025, catering to both aspiring industry professionals and university educators. This interdisciplinary program will emphasize core technical skills like machine learning and statistics, while also exploring the social and ethical implications of data use. This exciting addition builds on the existing Master's and Bachelor's programs offered by the School of Data Science. The program also marks a new chapter for the School itself. It will formally join the College of Computing and Informatics, fostering collaboration across the university. [Dongsong Zhang](#) has been named interim director, while [Doug Hague](#) transitions to a new role focused on corporate engagement. This is just the beginning! Stay tuned for more information about the Ph.D. program and the School of Data Science's future endeavors.

### SDS Resume and LinkedIn Workshop: Get Job Ready for Fall Recruitment!

The School of Data Science is offering a limited-capacity workshop series (first 25 registrants) to help you land your dream data science job this fall. Sharpen your skills in three key areas:

- [Personal Branding Fundamentals](#) (July 31st): Learn to craft a compelling online presence and build your reputation as a data science professional. (Presenter: Dr. Suzanne Voigt, UNC Charlotte Career Center)
- [Crafting Effective Technical Resumes](#) (August 6th): Get insider tips on tailoring your resume to data science roles and highlighting your technical skills. (Presenter: Jay Skipworth, UNC Charlotte College of Computing and Informatics)
- [Optimizing Online Presence & Portfolios](#) (August 13th): Discover how to leverage online platforms to showcase your data science expertise and impress potential employers. (Presenter: Allison Quick, FDM Group)

All workshops are held from 12:00 pm - 1:00 pm in Atkins 150A. Don't miss this opportunity to gain a competitive edge for the upcoming fall recruitment season!

[Register Here Today!](#)

## Elevate Your Data Leadership: Enroll in DSBA 6010- Building and Leading Data Organizations with Steven Jordan



Calling data pros! Sharpen your management skills. Led by Steven Jordan, a Senior Manager and Data Scientist with Vanguard, this course equips you to build and lead high-performing data teams. Master data strategy, governance, and fostering a data-driven culture. Gain the expertise to solve real-world business problems with data analytics. Ideal for aspiring data leaders, and business professionals wanting to advance their data management skills. Enroll today and unleash your data leadership potential!

## Additional SDS Electives and Special Topics for Fall 2024

Still looking for fall elective options? The SDS undergraduate and graduate programs have a rich set of special topic offerings for Fall 2024. Here is the up-to-date list of classes. Please feel free to share: [Fall 2024 SDS Special Topics and Electives](#)

## Fall Resume Book- Internship and Jobs

For those of you seeking an internship or full-time placement for fall 2024, we have updated the [SDS Resume Book](#). We collect SDS resumes and create a fresh version of the book each semester. If you would like us to share your resume with business and community partners, please [fill out the form and upload a recent resume](#) in a PDF format.

Mark Your  
CALENDAR

## Important Dates

- **July 4, 2024:** July 4th Holiday - University Closed
- **July 5, 2024:** Last day to withdraw from course(s)- Second Summer
- **July 9, 2024:** Census Date- Second Summer

- **August 2, 2024:** Last Day of Classes- Summer Session
- **August 6 to August 7, 2024:** Final Exams- Summer Session
- **August 19, 2024:** First day of classes

Below is a list of upcoming campus events for all students and faculty. These are opportunities to learn and network! We hope you can participate and encourage your students to engage.

---

## SDS New and Continuing *GRADUATE* Student Orientation

The SDS will host a Fall Orientation & Town Hall for all DSBA & HIAN students. The event will be in-person on **Friday, August 9** from **11 AM - 1 PM**. Lunch will be served. It will be held on the main campus in Colvard South room 1017.

[Register Here!](#)

---

## Campus-Wide Orientation for New Graduate Students

All of the incoming graduate students are invited to participate in a campus orientation and reception hosted by the Center for Graduate Life and Learning:

- [Virtual Orientation](#): Thursday, Aug. 15, 4-6 pm
- [Graduate Student Welcome Reception](#): Saturday, Aug. 17, 12:30-2:30 pm, Hauser Alumni Pavilion.

By now incoming students should also be familiar with [NewGradPortal](#), where they can find all of the information they need for a smooth transition to grad school. Read more about all of the above events and find more resources on our [orientation page](#).

---



Resources

---

## Career Ready? Time for a Summer Tune-Up with the Career Center

The [University Career Center](#) offers multiple virtual Career Meet-ups to work on your professional development this summer. Sign-up [today!](#)

### Summer Workshops:

- July 10 How to Network with Charlotte Alumni on LinkedIn
- July 11 Networking for Introverts
- July 23 Resume Strategies that Get You Noticed
- July 25 Effective Cover Letter Writing

Speaking of signing up, the Career Center has also created a half dozen Career Communities focusing on Healthcare, Engineering, Data Analytics, etc. These communities offer pathways into the career field, with special seminars and networking sessions, sample resumes, links to professional organizations, and specialized job and internship sites. Explore their resources today!



## NCTECH Brews + Bytes+ INSIGHTS, July 10, 2024

NC TECH is collaborating with MetLife to host Brews + Bytes + Insights: Network with Software Pros on July 10. Guided by MetLife's US Technology leadership team, the discussions will focus on the latest advancements in the tech industry. Attendees expect to gain fresh insights and expand their professional network by connecting with accomplished tech peers and leaders. Full details and registration.

## Data Matters Short-Course Series | August 5 - 9

Data Matters™ is a week-long series of one and two-day courses aimed at students and professionals in business, research, and government. Sponsored by the Odum Institute for Research in Social Science at UNC-Chapel Hill, the National Consortium for Data Science, and RENCi, the short-course series gives students the chance to learn about a wide range of topics in data science, analytics, visualization, curation, and more from expert instructors. (From South Big Data Hub)

## Summit for Women in Tech in New Bern, NC, September 25-26

Join NC TECH, presenting sponsor Blue Cross Blue Shield of North Carolina, and women from across North Carolina for the fourth annual Summit for Women in Tech

in New Bern, NC, September 25-26. This women-only summit will feature candid conversations with women tech leaders where we explore gender bias, share our unique journeys, discuss how to shift the paradigm, and provide insights on advocating for change both now and for the next generation. [Full details and registration.](#)

## **Data Science Education K-12: Research to Practice Conference | San Antonio, TX**

Papers due August 1: Through collaborative sessions, innovative formats, and a supportive community, this inaugural conference will offer a dynamic atmosphere for educators, researchers, curriculum developers, and school leaders to exchange ideas and co-create the future of data science education in K-12. If you are an educator, researcher, content and/or tool developer, school leader, or policymaker excited to share ideas, learn from colleagues, and jointly pave the way toward robust data science education and data literacy opportunities for K-12 learners, then this inaugural conference is for you. Don't miss this opportunity to say you were there at the beginning of this exciting new chapter in education. (From [South Big Data Hub](#))

*Campus Resources  
and Policies*

## **What is GPSG- Graduate Student Government**

The Graduate & Professional Student Government (GPSG) at UNC Charlotte looks out for the well-being of graduate students. They fight for student interests regarding funding, classes, and support services. They also allocate funds to student organizations and events, while connecting students with helpful resources on campus.

Additionally, GPSG organizes events to foster a sense of community amongst graduate students. To get involved with GPSG and make the most of your experience at UNC Charlotte, consider attending their workshops, social gatherings, and other events. Many graduate student organizations on campus cater to various interests. You can voice your concerns and suggestions to your program's GPSG representative. If you're looking for a leadership role, you can apply for a position on the GPSG executive board. [Meet the GPSG Board](#)



## **SGA- Voice of the Undergraduate Students**



The Student Government Association (SGA) acts as the voice of undergraduate students at UNC Charlotte. They address student concerns and advocate for positive changes on campus, like better facilities or policy adjustments. They also provide financial support through various funding options. Undergraduate student organizations can get operational funding, travel grants, and event funding for both on-campus and off-campus activities. There's a separate process for graduate students and sports clubs. To encourage collaboration, SGA even offers co-sponsorship grants of up to \$4,000 for events co-hosted by registered student organizations. [Learn more about Student Organizations](#)

## Niner Course Pack

Niner Course Pack is a textbook rental program that allows students to receive all their course materials ahead of time and save money. Enrollment is automatic and students are billed \$20 per credit hour per term. If you wish to opt-out for Fall 2024, you can do so between July 20 and August 30. **Opt-out [link](#)**.

## Data Science and Health Analytics In The NEWS

*These are stories collected from a variety of newsletters and websites:*

## Medium

[Medium](#) is an open-source online publishing platform where anyone can publish and share insightful perspectives and useful knowledge. In addition to their website, they also publish a daily e-newsletter.



- [This is Exactly How I Use SQL at Work as a Data Analyst And why you should learn SQL to level up your data career.](#) [Luna \(Van\) Doan](#) in [ILLUMINATION](#)

[Build Your Own ChatGPT-like Chatbot with Java and Python- Creating a custom LLM inference infrastructure from scratch](#) [Daniel García Solla](#) in [Towards Data Science](#)

**From American Medical Informatics  
Association's (AMIA)**

- [FDA approves AI-powered ECG platform](#)- Medicalgorithmics received FDA approval for its cloud-based DeepRhythm Platform that uses the company's AI algorithms to analyze electrocardiograms for potential cardiac arrhythmias. The platform also received CE mark approval this year. Full Story: [Cardiovascular Business \(6/24\)](#)
- [Coalition to expand TRAIN to Europe](#)- Microsoft and other healthcare organizations will expand the Trustworthy & Responsible AI Network to Europe to promote ethical AI principles and deployment of AI technologies. The overall goal is to foster collaboration among organizations to develop standards, share best practices, and safeguard patient data. Full Story: [Forbes \(tiered subscription model\) \(6/17\)](#)



## Data Science Current

A monthly newsletter Data Science Council of America.

- [The insideBIGDATA IMPACT 50 List for Q3 2024](#)- The team here at insideBIGDATA is deeply entrenched in keeping the pulse of the big data ecosystem of companies from around the globe. We're in close contact with the movers and shakers making waves in the technology areas of big data, data science, machine learning, AI, and deep learning. Our in-box is filled each day with new announcements, commentaries, and insights about what's driving the success of our industry so we're in a unique position to publish our quarterly IMPACT 50 List. INSIDEBIGDATA, June 19, 2024, by Daniel Gutierrez



## Other Newsletters and Resources:

- [Data Science Community Newsletter](#)- One more resource to keep in the know for new tools, events, job postings, and developing trends in data science. Download this month's newsletter [HERE](#).
- [Data Science Current](#)- A monthly Data Science Council of America



**ADOSA**  
Data Science  
Community  
Newsletter



newsletter.

- **SouthBDHub-** A monthly newsletter lists news, events, and opportunities in data science, analytics, engineering, and policy.
- **empowHERed-** Focuses on women in the sports industry they offer webinars, a newsletter, and networking events to our Mentor Program and Career Pipeline.
- **Kaggle-** Kaggle, owned by Google LLC, is a platform and community for data scientists and machine learning practitioners. Users can discover and share datasets, create models in a web-based environment, collaborate with others, and compete in data science challenges.



**Looking for more internships and job postings? Log into [Hire-a-Niner](#) or use their convenient [School of Data Science aggregator](#).**

Below you will find a current listing of postings that have been shared with the SDS team or posted on the [Career Center's Hire-a-Niner site](#). We encourage you not only to apply for specific postings but also to explore and familiarize yourself with the companies and organizations actively recruiting UNC Charlotte and SDS students. In addition to these postings, we strongly encourage you to build your professional network through the Monday SDS Professional Seminars, CCI Business Partner's Program, and various networking events scheduled throughout the semester.

# Featured

## JOBS AND INTERNSHIPS

Below you will find a current listing of postings shared with the SDS team or posted on the [Career Center's Hire-a-Niner site](#).

- **Science Advisor for Public Access (Program Director) at the National Science Foundation** | Alexandria, VA: The Office of Integrative Activities (OIA) within the Office of the Director at the National Science Foundation (NSF) announces a nationwide search to fill the Science Advisor for Public Access position. The position coordinates agency responses to federal public access mandates, oversees the development of the NSF Public Access Repository, coordinates with other agencies via involvement in the NSTC and other cross-agency groups, and contributes to the NSF Knowledge Management activity.
- **Liaison for Data Science-Focused Saturday Academy Program**: The Center for STEM Education seeks a motivated and knowledgeable faculty member, staff, or graduate student from the School of Data Science to serve as the liaison and primary facilitator for this program. The liaison will play a crucial role in delivering instruction, coordinating activities, and ensuring the program's success.
- **Machine Learning Internship: Analyze Basketball Mechanics**: Dave Love, an NBA shooting coach, is offering an unpaid remote internship for SDS students proficient in Python to develop machine learning algorithms for analyzing basketball mechanics. Projects include measuring a basketball's axis of rotation, tracking ball location during shots, and analyzing joint movements. Candidates should be skilled in machine learning libraries, interested in computer vision and sports analytics, and have a collaborative spirit.

---

## Internships

- **Global Quantitative Analytics Summer 2025 Analyst**, Bank of America
  - **Internship, Data Science**, Padagis, Wyoming, MI
  - **Machine Learning Intern**, Connecticut Innovations, Connecticut
  - **Analytics Internship**, SAIC, Silver Spring, MD
  - **Fall 2024, Research Internship, Center for Technology Innovation, Governance Studies (Job ID: 2024-3457)**- The Brookings Institution, Washington, DC (Hybrid)
  - **Internship – Web Analytics, Digital Analytics** (Spring 2025- Universal Orlando Resort, Orlando, FL (On-site)
  - **Student Researcher, BS/MS, Fall 2024**- Google, Los Angeles, CA (On-site)
-

# Jobs

- [Data Analyst, Radius Group, Remote](#)
- [Data Scientist, Advertising](#), Spotify, New York
- [Pathways Recent Graduate \(Data Scientist\)](#), U.S. Department of Treasury
- [Data Scientist I, NASC Forecasting](#), Amazon, Nashville, TN
- [Data Scientist, Junior](#), Booz Allen Hamilton, Charleston, SC
- [Data & Applied Scientist with verification](#), Microsoft, North Carolina, United States (Remote)
- [Senior BI Analytics Analyst](#)-Hanesbrands Inc., Winston-Salem, NC (On-site)
- [Principal - Fraud Detection Analytics](#) - Ally, Charlotte, NC
- [Lead Data Scientist Marketing Analytics](#)- Equitable, Charlotte, NC
- [Escalations Analyst, Search and Generative AI](#)- Google, Atlanta, GA (On-site)

Full Job  
List

## Specialize Job Search Resources for Data Science and Analytics

### ***Jobs & Internship Sites***

- Hire-A-Niner: [hireaniner.charlotte.edu](http://hireaniner.charlotte.edu)
- Dice.com: [www.dice.com/jobs](http://www.dice.com/jobs)
- The Muse: [www.themuse.com](http://www.themuse.com)
- Data Jobs: [datajobs.com](http://datajobs.com)
- Hire Tech Ladies: [www.hiretechladies.com](http://www.hiretechladies.com)
- Uncubed: [uncubed.com](http://uncubed.com)
- Crunchboard: [crunchboard.com/jobs](http://crunchboard.com/jobs)
- Just Tech Jobs: [justtechjobs.com](http://justtechjobs.com)
- Wellfound (tech startup jobs): [wellfound.com/jobs](http://wellfound.com/jobs)
- Product Hunt: [producthunt.com/jobs](http://producthunt.com/jobs)
- **New Resouce: NCTECH Job Board:** <https://ourmembers.nctech.org/jobs>

### ***For international students:***

- GoinGlobal: [goinglobal.charlotte.edu](http://goinglobal.charlotte.edu)
- H1-B Employer Data Hub: [uscis.gov/h-1b-data-hub](http://uscis.gov/h-1b-data-hub)
- MyVisaJobs: [www.myvisajobs.com](http://www.myvisajobs.com)
- OPTNation: [www.optnation.com](http://www.optnation.com)
- [Ultimate H1-B Sponsor Checker](#) (for LinkedIn and Indeed)
- [Top OPT and STEM OPT Employers \(2018\)](#)

# Alumni

## CORNER

### Alumni Recruitment: UNC Charlotte's Career Center

Interested in recruiting talented UNC Charlotte students and graduates? We remind you that as an alumni, Hire-A-Niner is still available to you- as an employer. Here's what you can do:

- Post jobs and internships: Reach a wide range of students, or target specifically by major (like Data Science) or program level (graduate/undergraduate).
- Get featured in the School of Data Science (SDS) newsletter: Let us know when you post a relevant job, and we'll promote it to SDS students. Email Josh Hertel - at [jhertel@charlotte.edu](mailto:jhertel@charlotte.edu) to share postings.

Ready to get started? Visit <https://hireaniner.charlotte.edu/> to set up your free Hire-A-Niner employer account. It's a quick and easy process. Questions? Contact our Employer Engagement Team at [recruit@uncc.edu](mailto:recruit@uncc.edu) in the Career Center. We're happy to help and discuss other recruitment opportunities.



UNC Charlotte's School of Data Science | 9105 University Rd | Charlotte, NC 28223 US

[Unsubscribe](#) | [Update Profile](#) | [Constant Contact Data Notice](#)



Try email marketing for free today!