



UNIVERSITY OF NORTH CAROLINA  
CHARLOTTE

SCHOOL OF  
DATA SCIENCE

## Updates from the Director

Welcome to October, the semester is flying by. Check out the **SDS Calendar** for upcoming events. In addition to the SDS Monday Seminars, and the HIA Wednesday Research Seminars, we have added a series of **virtual advising sessions** for the HIA and DSBA students. For undergraduates, please make sure to reach out to your advisor. **Registration for spring 2024** will open on October 30th. We have information about several special topics courses below. Also, for those of you planning on a spring internship (graduate students), we had an information-dense presentation last week on the **Internship**. If you missed it you can see the full recording [here](#).

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!

## IMPORTANT DATES:

Find the full [SDS Calendar of Events](#) on the program website

- **October 2, 2023:** Spring 2024 Schedule of Classes available on the web
- **October 2, 2023:** Undergraduate Student registration appointment times available
- **October 4, 2023** Tech Talks about internships with TIAA- 4 pm-5:15 pm
- **October 5, 2023:** Tech Talks about Careers & Trends- 4 pm-5:15 pm
- **October 13, 2023:** Unsatisfactory Mid-Term Grades due for Fall 2023 by noon
- **October 13, 2023:** Career Trek with Lowe's- 10 am-1 pm
- **October 17, 2023:** Unsatisfactory Mid-Term Grade notices emailed to students for Fall 2023

- **October 17, 2023:** HIAN Group Advising ·4:00 – 5:00 pm- Virtual
- **October 18, 2023:** DSBA Group Advising #1, 12:00 – 1:00 pm- Virtual
- **October 18, 2023:** DSBA Group Advising #2, 4:00 – 5:00 pm- Virtual
- **November 1, 2023:** Career Trek with TIAA- 11:45 am- 3 pm

## Reminder About Advising

Advising for undergraduate students for spring 2024 is underway! All students should have received additional information about how to schedule an appointment this week. Please keep in mind that we have two types of appointments available to students - online and in person. We also will be offering night time appointments online for the first time! Advising is required once a term for ALL students. If you have any questions or concerns, please reach out to Deanna Rella, [drella@charlotte.edu](mailto:drella@charlotte.edu).

**Graduate Students:** You should have received an email about group advising. The details are also above in the 'Important Dates' section. Please plan to attend one session! Let Carly know if you have any questions.

Mark Your  
CALENDAR

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 Seminars are back

Every Monday @ 4:00 p.m. Coming up:

- **October 2, 2023:** 'Getting' Started with Git Hub - Colby T. Ford, Ph.D., Principal Consultant, Tuple, LLC. and VP of Technology @Amissa
- **October 9, 2023:** How to get and keep a data scientist job in Model Risk Management- Alex Shenkar, Senior Model Validation Officer II, SVP@ Truist (Virtual)
- **October 16, 2023:** An Automotive Aftermarket Story - Data Science @ Torqata, Andrew Brooks, Head of Data Science
- *You can find the complete list of fall seminars with the links to register [here!](#)*

Register  
Now!

## Wednesday HI Research Seminars

Wednesdays @ 4:00 pm | Virtual Sessions

- **October 4, 2023:** Informatics Lessons for Pragmatic Trials in Older Adults: The PREVENTABLE Experience, Nicholas Pajewski, PhD Wake Forest Univ
- **October 11, 2023:** Climate Change: The Heat Impact, Ashley Ward, PhD, Duke Univ.
- **October 18, 2023:** Interoperability and Reproducibility of Multimorbidities in EHRs: Pathways to Precision Medicine through Machine Learning and AI, Yaomin Xu, Ph.D., UNC-CH
- **October 25, 2023:** Self-Supervised Deep Learning for Medical Time Series Analysis, Xiang Zhang, PhD, UNC-C
- *All sessions are virtual. More information and a link to the virtual sessions can be found [here!](#)*

## Duke Energy On Your Yard: Student Career Conference

*Virtual*

October 5, 2023, 4:00-8:00 pm - October 6, 2023, 9:00 am - 1:00 pm

Request your spot to attend the annual Duke Energy On Your Yard Student Career Conference! This two-day virtual event will allow the best and brightest minds to learn how they can join Duke Energy in transforming the future of energy. This career event will focus on 2024 paid internships and co-op opportunities. By attending the virtual conference, you will discover potential careers at Duke Energy, learn about the innovations in clean energy, participate in engaging panel discussions, and expand your professional network. Students interested in attending must meet the following criteria: commitment to diversity and inclusion, interest in employment with Duke Energy, and being authorized to work in the United States. To request your spot for the October 5-6, 2023 virtual two-day conference RSVP by **Friday, September 29, 2023.**



**Grab your spot**

## Multi-Industry Connection Day at William States Lee College of Engineering

October 6th | 9:30am - 2:00pm  
West Quad Fields (between Cone  
Parking Deck and the Arena)

**Who Should Attend?**

- All Students

**Why?**

- It's FREE
- It's Casual
- Explore various majors & careers
- Talk with 105+ potential employers
- Pick up some cool swag
- Only happens once a year- don't miss out!

**West Quad Fields**  
(behind Cone Center building & the arena)**FRIDAY  
OCT. 6TH  
9:30-2:00**Check out  
who will  
be there

pd.charlotte.edu



SDS students are encouraged to attend WSLCOE's Multi-Industry Connection Day to network with **several vendors** and discuss career options with engineering and technical professionals from a variety of technical industries. Plus it's free, casual, and cool swag!

[More Info!](#)

## NC Job Tech Expo

**October 11, 2023 | 8:30 AM - 1:30 PM | Virtual**

NC TECH will host a Job Seeker Webinar on October 6<sup>th</sup> at 11:00 AM. A representative from Premier Virtual will demonstrate how to create your profile, explore companies and active job postings, and tips on using interview scheduling, chat, and video tools. There will also be time for questions. Click **HERE** to register. The EXPO is primarily focused on candidates seeking tech related jobs/careers and internships. Whether actively seeking a job or interested in learning more about the participating employers, we encourage you to register and upload a resume. Registered seekers will receive more information from NC TECH leading up to the EXPO. Job seekers at all career levels are encouraged to register from seasoned executives to professionals just entering the workforce.

## OUR Scholar Applications due October 15th

The Office of Undergraduate Research is offering the opportunity to engage in mentored research with faculty in your field, learn more about your content, build your resume, and network with other professionals with shared interests - all while earning up to \$2,000 for doing research in one semester! Student applications will be open from **September 15 through October 15, 2023**.

[Learn More!](#)

# Student

## RESOURCES

### Are you graduating in December?

Students who are planning to graduate in December must **apply for graduation through Banner** by September 22nd. Once a student has applied for graduation the registrar's office will follow up with additional commencement information, including the ceremony schedule beginning in October. Undergraduate students can email **graduation@charlotte.edu** with any additional questions and Graduate students can email **gradgraduation@charlotte.edu** with any additional questions.

### Start Planning for Summer Internships and Job Placements

Did you know that the Charlotte career center used a **Career Community model** that allows students to make sure they get specific career information that applies to their areas of interest? We highly recommend that all Data Science students join the **Career Community in Technology, Data, and Analytics!**

The Week of September 25th the Career Center will be focusing on our career community, which means lots of events that focus on you and your career interests! Get tuned in and start networking for those summer internships and job opportunities now!

**Check out the events!**

## Data Science and Health Informatics In The NEWS

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

**NSF wants safety built in to generative AI**



The National Science Foundation's new Safe Learning-Enabled Systems program is challenging the research community to apply construction and manufacturing safety principles to generative artificial intelligence so that the software is designed to remain safe as it is fed more data. Generative AI systems are fundamentally lazy and take shortcuts, "so if you give them limited data, they're going to be limited systems," said Michael Littman, director of the NSF's Division of Information and Intelligent Systems. Full Story: [Federal News Network/WFED-AM](#) (Washington, D.C.) (9/12)

#### How to prepare for advanced AI in healthcare

The University of Rochester Medical Center has optimized GPT4 generative artificial intelligence inside Azure to direct incoming MyChart messages to the appropriate staff member, and while the technology has worked well, experts such as Aaron Neinstein, chief medical officer at Notable Health and a HITAC member, urge caution. Healthcare IT leaders should be preparing for generative AI by establishing AI governance committees and policies, says UPMC Chief Digital Health Officer Michael Hasselberg. Full Story: [Healthcare Innovation](#) (9/12)

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We will soon be gearing up for another fun semester with the graduate student council! Please stay on the lookout for events, workshops, and internship opportunities on our Instagram page [@sdsstudentorg](#).

Join us on September 29, 2023 at Armored Cow Brewery for the DSBA alumni event! Delicious hor d'oeuvres will be provided. This is an amazing opportunity to meet our alumni, make some industry connections, and chat about cool data science things- and get SDS SWAG!

SEPTEMBER  
29TH 2023

FRI  
5:00PM

JOIN US THIS FRIDAY!

THE SCHOOL OF DATA SCIENCE

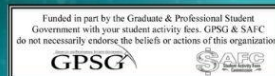
# ALUMNI EVENT SOCIAL

PRESENTED BY

SDS STUDENT ORG

ARMORED COW BREWING  
(10 MIN WALK FROM JW CLAY BLVD)

FOOD \* DRINK \* NETWORK  
APPETIZERS WILL BE SERVED



REGISTER!

## Hackathons



Registration is open for **Hack NC** which will be held in Chapel Hill, NC the last weekend of October. Registration will be closing soon so jump on this ASAP. Hackathons are a great way to gain some real-world experience and build your network. You can even win some money like a **team of UNC Charlotte students did last fall!**

## Datathon



# NORTH CAROLINA EDUCATION DATATHON

**THURSDAY, FEBRUARY 8, 2024**

**FRIDAY, FEBRUARY 9, 2024**

The NC Datathon aims to harness the power of technology and data to create inventive answers for tackling intricate issues. This occasion unites teams led by university students from various parts of North Carolina and tasks them to find a solution for an educational challenge using diverse data sources.

You and your classmates can collaborate to craft applications, dashboards, or other databases to resolve the issue and subsequently showcase your projects to a group of knowledgeable evaluators and conference participants! The event spans two days (February 8 - February 9, 2024) and encompasses keynote speakers, team collaboration time, project presentations, evaluation, and the announcement of winners.

**Fill Out Interest Form**

Association of  
Data Science  
(UNDERGRAD STUDENT ORG)

The Association of Data Science was excited to welcome twenty students to our first meeting of the year!! Students are always welcome to join our next meeting on September 21st, at Woodward 106, 6 – 7 pm We have pizza! More details coming soon on Niner Engage and Instagram.

Additionally, we are looking for students who want to take the lead in assisting with upcoming events we have in mind. Keep your eyes peeled! Email our event coordinator, Maria Eduarda ([mcramerf@charlotte.edu](mailto:mcramerf@charlotte.edu)), if you're interested.

**Sports Analytics Club**



The Sports Analytics Club was excited to start meeting again this fall and welcomed more than 65 people to our first meeting last month. For anyone interested in attending meetings, we meet every Thursday at 5:30 pm in Room 155 of the Friday Building and look at sports through an analytical and data driven perspective. Meetings are open to anyone and everyone. We are looking forward to Dean of SDS, Doug Hague, and Sports Analytics Professor, John Tobias, as guest speakers at our meeting on September 21.

For more information and updates on upcoming events, follow us on Instagram: [@cltsportsanalyticsclub](https://www.instagram.com/cltsportsanalyticsclub)

# Featured Job

## OPPORTUNITIES

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

### Premier Inc. Charlotte, NC (Hybrid) - Data Science Intern



This position will have responsibility for supporting the data science team with product development and analytics research and development. Apply knowledge of statistics, programming, data modeling, and other mathematical techniques to recognize patterns, identify opportunities, pose business questions, and make valuable discoveries leading to prototype development and product improvement.

- Experience: Data Modeling, Healthcare Data, Structured Query Language (SQL)
- Open to undergraduate and graduate students.

### Honeywell, Charlotte NC- Future IT Leaders Summer 2024 Internship

In the Future IT Leaders program you will be fully integrated into day-to-day operations of a team focused on the area of IT that aligns with your knowledge,

skills, interests, goals, and overall career objectives. You will be working assignments with real business impact, learning how to leverage contemporary technologies to attain business results, gaining relevant work experience, interacting with multiple IT stakeholders including IT leadership, and building your knowledge of how to be successful in Honeywell's complex work environment. **Recruiting now for summer 2024.**

# Honeywell

## Full-Time Positions

- **Data Scientist**: U.S. Customs and Border Protection · Ashburn, VA (On-site)
- **Data Analytics Engineer**: Procter & Gamble · Greensboro, NC
- **Cyber AI Engineer and Researcher**: Booz Allen Hamilton, Washington, DC (Hybrid)
- **AvidXchange, Charlotte NC**- Recruitment for a variety of technology, engineering, business operations, and sales internship opportunities for 2024.

## Internships

- **Internships in Data Science, Operations Research, Math and Statistics**: MITRE, Mclean VA
- **Data Engineer Internship (Summer 2024)**: Principal Financial Group · Charlotte, NC (Remote)
- **Summer 2024 Data Science Intern**: Mutual of Omaha · Omaha, NE (Remote)
- **Logistics Quality & Process Analyst**: Continental, Fort Mill, SC- Intern
- **Data Science Intern**: The Hartford
- **Tech Catalyst Intern: Data Engineering**: The Hartford



## Updating Alumni Information

Keep your contact information current, you'll be sure to receive the latest information on SDS alumni events, news, announcements, and more. With



more than 100,000 UNC Charlotte alumni and 800 (and growing) from the School of Data Science, you can connect with other fellow graduates around the globe. **[Click here to update your contact and/or professional information.](#)**

## Campus Wide Recruitment: UNC Charlotte's Career Center

If your company is looking to target new talent, a reminder for alumni that Hire-a-Niner is still available to you- *as an employer*. You can limit your reach to students- graduate and undergraduate- enrolled in the School of Data Science or target the entire campus. *Please let us know when you post and we will make sure that it also gets featured in the regular SDS newsletters.*

### **Posting Jobs & Internships**

Setting up an Employer Hire-A-Niner Account:

1. Visit <https://hireaniner.uncc.edu/employer>
2. Please note this is your first invitation to view our policies. "Welcome Employers! Please read our [Employer Policies](#). By using Hire-A-Niner, you agree to adhere to these policies. Please contact our employer team with any questions at [recruitUNCC@uncc.edu](mailto:recruitUNCC@uncc.edu)."
3. Click "Register For A Hire-A-Niner Account"
4. Complete the information, and click "Submit"
5. You will receive a system-generated email confirming receipt of your registration request
6. Within 2 business days, your account will be reviewed for approval

Once you have access to Hire-A-Niner, you will be able to post/manage positions and choose from the many different recruiting services and events we offer each semester. If you are interested in discussing other recruitment and branding opportunities with the University Career Center, we encourage you to connect with our Employer Engagement Team at [recruit@uncc.edu](mailto:recruit@uncc.edu).



**GET CONNECTED with SDS!**  
Feel free to join the School of Data Science  
GroupMe and Slack Channel for regular updates.

**GROUPME**

**SLACK  
CHANNEL**



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