



Education

DOCTOR OF PHILOSOPHY | UNC CHARLOTTE

2025 - Present*Major: Data Science*

MASTER OF SCIENCE | UNC CHARLOTTE

2022*Major: Computer Science with a concentration in Data Science*

BACHELOR OF SCIENCE | UNC CHARLOTTE

2021*Major: Computer Science with a concentration in Data Science | Minor: Mathematics**Organizations: STARS Duke Energy Computing Corps, College of Computing and Informatics
Mentoring*

Technical Skills

Programming Skills: Python, C++, MYSQL, CSS, HTML, ReactJS**Other Skills:** Amazon Web Services, Cloud Computing, REST APIs, Android SDK Agile Development, Machine Learning, Data Processing, Angular, Android Development, GitHub, and Tableau**Courses:** Data Structures & Algorithms, Computer Vision, Data Mining, Databases, Network-Based Application Development, Software Engineering, Digital Image Processing, Human-Centered Design, and Visual Analytics

Experience

ADJUNCT FACULTY

2023 - 2025*College of Computing and Informatics, UNC Charlotte*

- Developed and taught courses: Studio Course, Web Application Development, Operating Systems, Networking and Java Programming
- Tech Specs: DOM, Event Driven Programming, Client Side Scripting, Web Security, Network Architecture & Protocols

FULL STACK DEVELOPER

2022 - 2022*Kingsmen Software, Charlotte*

- Full-Stack Web App Developer using C#, Typescript, React .NET Core, and Entity Framework
- Collaborated in an agile software development team with Analysts, and UX Designers

TEACHING ASSISTANT FOR MATH AND COMPUTER SCIENCE

2019 - 2022*UNC Charlotte*

- Facilitated workshops for up to 120 students on Data Structures, Algorithms, Object Oriented Programming and Unit Testing
- Trained for 30+ hours and CRLA certified to deliver successful sessions

UNDERGRADUATE RESEARCH ASSISTANT

2019*UNC Charlotte*

- Transcribed and analyzed data to look for different patterns based on qualitative analysis
- Facilitated professional development for over 30 high school teachers for AP CS certification

Projects

COVID-19 DATA VISUALIZATION

2021

- Tech Specs: Tableau, Kaggle, and Google Dataset
- Collected open-source data to visualize weather, location, total cases, and deaths
- Recognized patterns in the spread of the virus and published the Tableau workbook

STUDY BUDDY APP

2020

- Tech Specs: Android Studio, JavaScript, XML, and Justinmind Prototype Maker
- Built an Android app for students to enhance their time management and study skills
- Designed an all-in-one app with a Pomodoro timer, flashcards, calendar, and white noise

Organizations & Awards

Bloomberg NCWIT Accelerator Program

2022

Duke Energy Computing Corps Scholarship

2018 - 2021

Chancellor's List/ Dean's List

2017 - 2021

ACM Richard TAPIA Scholarship

2019

Graduate Life Ambassador

2019

Beauty & Joy of Computing, UC Berkeley

2019