

Myles Gregor

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EDUCATION

North Carolina State University | Bachelor of Computer Science

Anticipated May 2024

GPA: 4.0/4.0

Raleigh, NC

Select Coursework: Data Structures and Algorithms (Java), C and Software Tools (C/C++)

Awards: Dean's List (All Semesters), University Scholars Program

Clubs and Activities: Computer Science Ambassador, NC State Hillel, Cycling, Table Tennis

TECHNICAL SKILLS

- **Languages:** Python, Java, C/C++, MySQL, HTML, CSS, JavaScript
- **Tools:** Git, Jira, Angular, Bootstrap, Tomcat, Service Now, Django, MQTT, MS Project, MS Visio
- **Operating Systems:** Windows, UNIX

WORK EXPERIENCE

Fidelity Investments

June 2021 – August 2021

Full Stack Engineering Intern

Durham, NC

- Lead redesign and development of an internal training tracker that allows over 400 associates to input trainings
 - Fixed numerous bugs and led a complete front-end redesign to improve the 20% participation rate
 - Communicated with a MySQL database through API calls to stored procedures
 - Utilized Bootstrap and AngularJS to design a user-friendly interface
- Collaborated to build an Angular 11/Spring application to input, track, and report incident tickets with ease
 - Enabled users to create and update Service Now tickets and Jira epics simultaneously
 - Consolidates 100% of incident tickets and service requests to a central location, improving efficiency
- Operated in an Agile environment consisting of biweekly sprints and daily standups
- Liaised with Product and Technology teams to ensure successful completion of prioritized requirements
- Chosen as a panelist in a Question and Answer session with the CEO, Abby Johnson

Wireless Systems Solutions LLC

May 2020 – August 2020

Software Engineering and Project Management Intern

Morrisville, NC

- Built an Internet of Things waste level sensor using an STM32 microcontroller utilizing an ultrasonic module
 - Utilized embedded programming in C to accurately read the dumpster's waste level status
 - Created a Django based web app to view real-time sensor data through CRUD forms
 - Queried sensor data through MQTT in order to update the MySQL database
- Designed and implemented an internal project database that bridged inventory, testing, research, and development information with a MySQL database through Python
- Managed timeline and requirements of new projects through MS Project Gantt Charts
- Led weekly cross-functional bug meetings in order to accelerate Jira workflow

PROJECTS

Front-End Web Development Portfolio (<https://mylesgregor.github.io/>)

- Produced a personal portfolio website using HTML/CSS/JS in addition to the Bootstrap framework

Economic Impact of COVID-19 - Duke Datathon 2020 — (<https://mylesgregor.github.io/Datathon/COVID-19.pdf>)

- Worked with a team of four to create a Risk Severity Assessment to predict economic recovery of US counties

VisionTech - NCSU PackHacks 2019 — Second Place (<https://mylesgregor.github.io/packHacks/visionTech.html>)

- Collaborated on a team of four to create a device to assist the visually impaired using the Arduino platform