

EDUCATION

University of North Carolina at Chapel Hill – Chapel Hill, NC

August 2020 – May 2024

BS of Computer Science; Minor in Entrepreneurship

- GPA 3.65/4.00
- Holden Thorp Innovation Scholar (full merit-based scholarship)
- SECU Scholar and London Educational Foundation Scholarship recipient (merit based supplemental scholarships)
- Involved member of Honors Carolina (Honors College), CS + Social Good, and the UNC App Lab

EXPERIENCE

University of North Carolina at Chapel Hill Research Lab – Chapel Hill, NC

March 2020 – Present

Research Assistant

- Engineered a codebase to efficiently run performance analytics on gigabytes of historical stock information while prioritizing backend simplicity to allow for rapid team-based development
- Collaborated with business and finance partners to continuously enhance the quickly growing product
- Incorporated web-scraping and APIs from Bloomberg, Factset, and Yahoo Finance to instantly retrieve all needed data

TIAA – Charlotte, NC

June 2022 – August 2022

Technology Intern

- Studied technologies used by the Retirement Income Illustration team including Spring Suite, Jenkins, and Cloud CD to effectively contribute in daily briefings and development sprints
- Resolved XSS vulnerabilities identified within CheckMarx by determining their validity and implementing best-practice solutions to minimize the possibility of fraudulent interactions
- Led technical development of an open world python game during a companywide innovation-based hackathon that was presented live to 1500+ employees and ultimately won first place

Mountain Discovery Charter School – Bryson City, NC

May 2018 – August 2021

IT Administrator

- Coordinated the implementation of cloud-based services to decrease IT operating costs by upwards of thirty percent
- Organized an effort with NC based non-profit MCNC where the school acquired new IT infrastructure aimed at increasing internet access and speed across campus
- Implemented a new firewall and filtering service, Zscaler, to streamline safe and quick endpoint access
- Communicated with faculty daily to address troubleshooting needs and drastically decrease interruptions to service

LEADERSHIP AND COMMUNITY INVOLVEMENT

CS + Social Good – Chapel Hill, NC

August 2021 – Present

Fullstack Developer

- Developed a custom web-app and inventory tracking system for a local food bank, PORCH, to encourage greater community involvement and streamline backend operations
- Worked in coordination with ui/ux designers and coordinated efforts with 10+ team members to meet deadlines
- Gained proficiency in multiple technologies including React and Firebase

ADDITIONAL INFORMATION

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- Fluent in technologies including C, Java, Python, HTML, CSS, React, Php, JavaScript, MySQL, Spring Suite, Jenkins, Cloud CD, Firebase, Atom, and Apache Server
 - Current and past projects, along with source code can be found at ElijahBassett.com