

## EDUCATION

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

August 2020 – May 2024

*Bachelor of Science Computer Science; Minor in Data Science; GPA:3.51*

### Honors and Awards:

- Holden Thorp Innovation Scholar – *Full merit-based scholarship awarded for academic excellence and leadership*
- SECU Scholar and London Educational Foundation Scholarship recipient – *Merit based supplemental scholarships*
- Honors Carolina – *Competitive four-year academic program enrolling the top 10% of each incoming class*

## SKILLS

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- **Frontend Languages:** Typescript, JavaScript, React, Angular, HTML, CSS, SwiftUI
  - **Backend Languages:** Java, C, Python, Swift, Php, Spring
  - **Other:** CI/CD, Jenkins, Firebase, REST, Verilog, General system level design

## EXPERIENCE

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**Cvent** – Tysons, VA

Fall 2023

*Fullstack Development Intern*

- Engineered solutions for eight frontend and five backend tickets, ensured their correctness with extensive testing, and facilitated their movement through the CD pipeline until successful production deployment
- Coordinated with outside teams to create a testing plan for changes to a highly complex and critical user-facing service
- Executed a cleanup to an internal user-oriented reporting framework, earning positive feedback from project leadership
- Created, led, and documented a multi-team bug bash to ensure production-readiness of a new feature
- Implemented features that relied upon a strong understanding of external APIs including Stream and Datadog

**TIAA** – Charlotte, NC

Summer 2022 & Summer 2023

*Technology Intern*

- Resolved XSS vulnerabilities identified within CheckMarx by determining their validity and implementing best-practice solutions to minimize the possibility of fraudulent interactions
- Developed an in-house logging portal to allow for more informed management of companywide automated bot services
- Directed the technical development of an open-world Python game for a companywide hackathon, presented live to 1500+ employees, and achieved first place
- Created a youth-centered retirement portal during a return-ship that was praised throughout senior leadership

**Chakraborty Lab** – Chapel Hill, NC

March 2020 – Present

*Research Associate*

- 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
- Leading an effort to raise seed capital through university partnerships and alumni

## LEADERSHIP AND COMMUNITY INVOLVEMENT

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**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 designers and synchronized efforts between ten team members to meet deadlines