Natalyah Cadiche

[LinkedIn](#) | [GitHub](#) | [Website](#)

EDUCATION

The University of Chicago — Chicago, IL
Bachelor of Sciences in Computer Science. — *Expected December 2025*
Relevant Coursework: Systems Programming, Discrete Mathematics, Theory of Algorithms, Mobile Computing, Complexity Theory, Statistical Methods and Applications (Current), Quantitative Portfolio Management and Algorithmic Trading (Current), Intro to Data Science (Current).
Financial Markets Career Program: Selective three-year quantitative finance cohort offering members personalized advising, employer visits, recruitment resources, and professional development workshops.

TECHNICAL SKILLS

Development Languages & Tools: Java, Python, Swift, JavaScript, TypeScript, React, HTML & CSS, Linux, Git, C/C++.
Software: Visual Studio Code, XCode, CreateML, Eclipse, IntelliJ, PyCharm, Microsoft Office, Google Suite, PitchPro+, Dev Shell, GKP.

PERSONAL PROJECTS

Fruit Scanner V1

- Augmented reality iOS application for the visually impaired to assist with identifying fruit ripeness levels in home and grocery store settings.
- Current application features a custom Core ML model that identifies oranges, strawberries, and bananas and displays color-coded bounding boxes around each fruit to indicate the ripeness level in real-time with an inference speed of ~16 ms and 93% accuracy.
- Developed application UI and real time camera capture using XCode and Apple's Vision and AV Foundation packages.

WORK EXPERIENCE

JPMorgan Chase & Co. — Brooklyn, NY/Plano, TX
Advancing Black Pathways Software Engineering Fellow — June 2024 – Present

- Learned essential software development skills and engaged in meaningful FinTech Projects ranging from robotics to application development.
- Worked with a variety of software's building skills in Python, Java, Agile, Cloud Computing, Kubernetes, Containers, GKP and more.

Data 4 Common Good — Remote/Chicago, IL
Front-End Software Engineer Intern — June 2024 – Present

- Developed Front-End UI to autonomize internal HR procedures using API's, React, HTML & CSS.

Blackthorne Capital Management — Chicago, IL
Intern — November 2023 – March 2024

- Developed, tested, and optimized algorithmic trading models to be used in the financial markets.
- Conducted data preparation and cleansing and gained hands on skills pertaining to quantitative finance and predictive A.I.

SkyIT (GBCS Group) — Remote
Financial Analyst/Risk Intern — August 2023 – December 2023

- Conducted research on financial corporations within aviation and potential market risks within the aviation industry.

Founderland — Berlin, Germany
Intern — June 2023 – July 2023

- Developed creative and appealing infographics and visuals for company conferences and fundraising initiatives.
- Developed and optimized company financial databases providing an automated system for compiling funding requests.

LEADERSHIP & PROFESSIONAL DEVELOPMENT

AT&T Technology Academy — Remote
Summer 2024 Cohort — June 2024

- Learned Agile methodology, AT&T technologies, and application frameworks including HTTP requests, RESTful APIs, and cloud computing.
- Attended informational webinars and networked with AT&T employees and senior members.

Management Leadership for Tomorrow — Remote/Chicago, IL
Career Prep (SWE) Fellow — February 2024 - Present

- Accepted into a selective 18-month professional development program for high-achieving diverse talent.
- Completed case studies and assignments to grow leadership and technical skills while also attending professional development seminars.

UChicago Association for Computing Machinery — Chicago, IL
Secretary — May 2023 - Present

- Record weekly meetings, maintain organization via digital databases and google suite tools, and prepared meeting agendas.
- Coordinated educational workshops and events with career advancement to provide students with career pathways in computer science.

University of Chicago Organization of Black Students — Chicago, IL
President (Previous Freshman Representative & Secretary) — October 2023 - Present

- Orchestrated cultural and community events while conducting outreach and connected 100+ the black students with well programming and events.
- Served as a point of contact for other student run organizations both within the university and on an intercollegiate level.

Goldman Sachs 2023-2024 Emerging Leaders Series Program — Remote/New York, NY
Global Banking and Markets Division Cohort — May 2023 – January 2024

- Received education, mentorship, and skills related to Banking, Trading, and Markets from experts within Goldman Sachs.

ADDITIONAL INFORMATION

Language: Jamaican Patois (Fluent). Spanish (Intermediate | Written & Verbal). Haitian Creole (Conversational).
Interests: Software Engineering, Virtual/Augmented Reality, Quantitative Trading, Artificial Intelligence, Game Development.