

Aminah Aliu

www.linkedin.com/in/aminah-aliu/

EDUCATION

Princeton University

Bachelor of Arts in Computer Science, Minor in Statistics and Machine Learning

Princeton, NJ

May 2025

Awards: Questbridge Match Scholar, Thrive Scholar, MLT Scholar, Code 2040 Fellow

Relevant Coursework: Algorithms and Data Structures, Creativity, Innovation, and Design

WORK EXPERIENCE

Uber

San Francisco, CA

UberSTAR Software Engineering Intern

May 2023 – Aug 2023

- Pitched, filmed, and produced a [video](#) for National Interns Day in collaboration with the Talent Attraction team, achieving a 19% engagement rate among Uber's 2.7M LinkedIn followers
- Queried pre-existing user data into two data frames to understand the languages spoken by drivers for the purpose of improving the in-app experience for multilingual users using SQL, Presto, and python (pandas)
- Collaborated cross-functionally to understand applications of this data and visualized it in an interactive map utilized by non-technical teams using HTML/CSS and Python (folium)

Jane Street Capital

New York, NY

Software Engineering Fellow at the Jane Street Immersion Program

May 2022 – Aug 2022

- Wrote a competitive trading bot for the Electronic Trading Challenge that earned \$20,000 in profit
- Trained on trading concepts including market making, electronic trading, and trading systems
- Contributed to the OCaml language by developing an open source library for conversion between color spaces that increased accessibility for users with low-vision ability

TECHNICAL SKILLS

Frameworks: Agile, Scrum, Jira, Trello, Loom, Figma

Programming Languages: SQL, Java, C, HTML, CSS, Python, Go, OCaml, JavaScript

Software: Emacs, LaTeX, JSON, Git, Linux commands

PROJECTS

HackPrinceton (HTML, CSS, Bootstrap) – [GitHub](#)

- Designed and built a website that allowed users to collaborate on projects while handling version control using web3 storage provider Estuary that won awards for Best Artsy Hack, Top Team, and Best Use of [Estuary](#).

Directory and File Trees (C)

- Worked with Binary Directory Tree (BDT), Directory Tree (DT), and File Tree (FT) data structures to create three implementations of a file manager
- Parsed through substantial amounts of pre-existing code in order to get up to speed on the codebase efficiently
- Created an internal validation module for the DT implementation, and reassessed program design in order to implement the FT interface

LEADERSHIP AND PROFESSIONAL DEVELOPMENT

Thrive Scholars

Scholar

April 2020 – Present

- Accepted as one of 100 students for a 6-year college access, college success and professional development program for high achieving, underrepresented first generation talent.
- Participated in a four-year comprehensive Career Development Program that includes professional Career Coaching, case studies, and projects to hone analytical, quantitative, and communication skills.

Management Leadership for Tomorrow (MLT)

Career Preparation Fellow

Dec 2022 – Present

- Accepted into a selective 18-month professional development program for exceptional, diverse talent
- Completed business case studies and assignments to grow leadership and technical skills and attend conferences hosted by industry leaders, such as Deloitte, LinkedIn, and Target

ADDITIONAL SKILLS AND INTERESTS

Con conversationally fluent in French, nationally recognized poet, interested in biking, digital media, filmmaking, crocheting, language learning, personal finance, and entrepreneurship