Axusmawe A. Asmelash

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OBJECTIVE: Looking for software engineering roles with a company in the FinTech or SaaS industry. Preferably position has opportunity to work with machine learning, cloud-computing, and Data Science.

EDUCATION

Data Science & Political Science — *Bachelor of Science*   SEPT 2021 - MAY 2025
Center for Data Science & College of Arts and Science
Boston University, Boston, MA

- **Relevant Coursework**: Data Structures & Algorithms, Fundamentals of Computer Science, Machine Learning and A.I., Linear Programming, Linear Algebra, Programming in Rust & Python, Introduction to Computing

WORK EXPERIENCE

Dimensional Fund Advisors — *Software Engineering Intern*   JUNE 2025 - AUG 2025
- Built Asset Database, a real-time data management system for 10,000+ desktops & servers using Python and SQL
- Reduced security anomaly analysis time by 67% by centralizing asset info using TypeScript and Angular GUI
- Accelerated software adoption by 100% for the Management team by deploying intern project in Docker & Redis

Boston University Spark! — *Frontend Designer*   OCT 2023 - MAY 2024
- Partnered with 8 software engineers and 3 designers to develop 4 web applications for institutions in Boston
- Led the development of District 7, a bulletin board app for the city of Boston using Figma, ReactJs, and JavaScript
- Engineered 5 high quality and reusable web components using ReactJs and Storybook for clients website expansion

Dimensional Fund Advisors — *User Experience Intern*   JUNE 203 - AUG 2023
- Contributed to Dimensional.com, a core product for clients to access financial portfolios and interface with PMs
- Integrated accessibility considerations earlier in the design workflows for a global website overhaul across 12 countries
- Developed a webscraper that scanned 120 links for accessibility issues using Python, NodeJS, and Google API

TECHNICAL PROJECTS

Personal Project — *Expressive Resume*   NOV 2021 - DEC 2021
- Created a LaTeX class that makes it easy for anyone to quickly create a beautiful resume and cover letter.