Betelehem (Betti) Belayneh
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EDUCATION
Augsburg University — B.S., Computer Science (Minor: MIS)

Coursework: Algorithms, Systems Programming, Operating Systems, Computer Architecture, Web Apps, Mobile App Development

Research: Activity recognition for ambient assisted living (Python; data pipelines; iterative model improvement)

TECHNICAL SKILLS
Languages: Java, Python, JavaScript, C, C++, SwiftUI, HTML/CSS

Tools: Git/GitHub, GitLab, Linux/Unix, AWS (EC2, S3, IAM), Anaconda

Strengths: debugging & testing, API integration, version control workflows, agile teamwork, code reviews

PROJECTS
iOS App (SwiftUI) — Component-based UI, state management, testing cycles; collaborated in sprints to deliver reliable features.

Web Apps (JavaScript + APIs) — Built interactive pages, async API calls, validation, and error-handling; iterated based on feedback.

AI-Assisted Living Research (Python) — Designed sensor-data pipeline, analyzed results, documented reproducible workflows.

EXPERIENCE
Mobile Expert — T-Mobile | Apr 2023–Present

Troubleshoot OS/network/cloud issues; diagnose root causes; explain solutions clearly; train teammates on consistent workflows.

Python Tutor — Augsburg University | Jan 2022–May 2025

Guided peers in algorithms, recursion, debugging, and reasoning about correctness — similar to collaborative code reviews.

Summer Researcher — Augsburg University | May 2022–Aug 2022

Built prototype AI tools in Python; ran experiments; iterated based on performance metrics and faculty feedback.

CERTIFICATION
AWS Certified Cloud Practitioner (CLF-C02)

LEADERSHIP
President, Day Student Government & International Student Organization — led initiatives, mentored peers, coordinated teams.