

## Eyob Liku Teshome

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*Bachelor of Science in Computer Science with hands-on field experience in systems programming, software development, and data analysis. Proficient in Python, C++, and SQL, and passionate about building scalable systems and continuous learning.*

### EDUCATION

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#### The University of California, Santa Barbara

Santa Barbara, CA

*Bachelor of Science in Computer Science*

*Graduation: June 2025*

- **Key Coursework:** Data Structures and Algorithms, Distributive Systems, Communication Networks, Database Systems Design and Implementation
- **Languages:** Python, PHP, C++, basic SQL, HTML

#### The University of Melbourne

Melbourne, Australia

*UCSB UCEAP Program under Computer Science Major*

*January - June 2024*

- **Key Coursework:** Database Systems, Artificial Intelligence, Australian Wildlife Biology
- Completed coursework in advanced database systems and artificial intelligence.
- Collaborated on team-based programming assignments using Python and SQL to solve real-world data problems.
- Applied statistical methods and data visualization techniques using SQL and Python for final project

### EXPERIENCE

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#### Computer Lab Monitors

Santa Barbara, CA

*Technical Support Specialist*

*August 2022 - June 2025*

- Maintain 50+ lab systems for students, addressing technical issues related to lab equipment and software.
- Provide support for programming assignments and debugging coursework-related challenges

#### Ontraport

Santa Barbara, CA

*Backend Software Engineer Intern*

*April 2023 – September 2023*

- Develop backend features in PHP with Redis caching to improve data retrieval and storage
- Create and optimize data tables, modules, and controllers using SQL for enhanced performance and reliability.
- Participate in code reviews with senior engineers and contributed to a high-traffic production environment

#### Apeel Sciences

Santa Barbara, CA

*Information Technology Intern*

*June 2022 – August 2022*

- Manage tech inventory and perform device onboarding/offboarding, streamlining operations for 300+ employees
- Troubleshoot network issues, implement best practices for data privacy, and assist in securing company hardware and employee data
- Create a new organizational system for device management, reducing setup time and improving compliance with internal security protocols.

### PROFESSIONAL DEVELOPMENT

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#### Bionic Vision Lab – Undergraduate Research Assistant

*September 2021 – June 2025*

Conduct VR and eye-tracking experiments to study visual perception. Gain hands-on experience in data-driven experimentation and user-interaction techniques. Participate in weekly research discussions focusing on computer vision and neuroscience.

#### National Society of Black Engineers at UCSB (NSBE) – Treasurer and Board Member

Served as Treasurer of UCSB Santa Barbara NSBE for two years. Manage budgeting, financial reporting, and funding allocation for all student events. Foster professional development and networking opportunities for engineering students. Facilitate partnerships, organized mentorship programs, and promoting a pipeline for under-represented students in STEM.

### SKILL & INTERESTS

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**Skills:** Proficient in Python, SQL, RMDBS, PHP, C++, Git, Microsoft Office Suite (Excel, Word, & PowerPoint)

**Soft Skills:** Team building, Communication, Initiative, Leadership

**Languages:** English (Fluent), Amharic (Professional)

**Interests:** Distributed Systems, Software Development, Algorithm Design, Cybersecurity