

# Eyob Liku Teshome

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## 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, Distributed Systems, Communication Networks, Database Systems Design and Implementation
- **Languages:** Python, PHP, C++, 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
- Collaborated on team-based programming assignments using Python and SQL to solve real-world data problems.

## EXPERIENCE

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### DMG Analytics

Sacramento, CA

Healthcare Data Analyst

March 2024 - Present

- Develop complex SQL extracts from Epic Clarity and Caboodle for 6+ key performance areas including Revenue Integrity and Patient Flow
- Build and maintain HIPPA-compliant reporting infrastructure using Tableau and Crystal/Business Objects with clear KPIs, parameters, and tooltips
- Analyze healthcare data trends to identify opportunities for clinical enhancement and ensure data integrity

### UC Santa Barbara

Santa Barbara, CA

Computer Lab Monitor

August 2022 - June 2025

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

### 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 contribute to a high-traffic production environment

### Apeel Sciences

Santa Barbara, CA

Information Technology Intern

June 2022 – August 2022

- 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.
- Manage tech inventory and perform device onboarding/offboarding, streamlining operations for 300+ employees

## 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

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, organize mentorship programs, and promote a pipeline for underrepresented students in STEM.

## SKILL & INTERESTS

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**Skills:** Python, SQL, RMDBS, Snowflake, Crystal Reports, PHP, C++, Git, Microsoft Office (Excel, Word, & PowerPoint)

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

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