Eyob Liku Teshome

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EDUCATION

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, IoT,
- **Languages**: Python, PHP, C++, SQL, HTML, CSS

The University of Melbourne   **Melbourne, Australia**
UCSB UCEAP Program   *January - June 2024*

- **Key Coursework:** Database Systems, Artificial Intelligence, Australian Wildlife Biology

EXPERIENCE

DMG Analytics   **Sacramento, CA**
Healthcare Data Analyst   *March 2025 - October 2025*

- Develop complex SQL extracts from Epic Clarity and Caboodle for key performance areas
- Developed reporting infrastructure using Tableau, enabling leadership to track key performance areas

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, apply best practices for data privacy, and help in securing company hardware and employee data
- Create an organizational system with Jira for device management, reducing setup time and improving internal security
- Manage tech inventory and perform device onboarding/offboarding, streamlining operations for 300+ employees

Projects

Distributive Systems Project – *github.com/eyob-tesh/171_Project*   *Fall 2024*
Created a Multi-Paxos Fault Tolerant system that allowed safe storage and prevented any interruptions in case of any network errors or node crashes. Data is stored among 3 servers that work together to reach agreement, following Paxos rules to ensure fault-tolerance.

Personal Homepage Project – eyob-tesh.github.io   *Summer 2025*
Used HTML and CSS to construct a home page that works with different sized devices from phones to computer screens. Contains all personal information, projects, education, and skills that I have compiled together.

PROFESSIONAL DEVELOPMENT

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*   *September 2022 – June 2024*
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

Skills: Python, SQL, RMDBS, PHP, C++, Git, SnowFlake, Crystal Reports, Microsoft Office (Excel &PowerPoint), Atlassian Jira

Soft Skills: Prioritization, Time Management, Team building, Communication and Collaboration, Initiative, Leadership, Presentation