

Elias Murcray

eliasmurcray.com

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Education

California Baptist University

Riverside, CA

Bachelor of Science, Computer Science; 3.40

Apr 2026

Experience

Amazon

Seattle, WA

Software Development Engineer Intern

June 2023 — Sept 2023

- Architected a performance regression tool using Java and EventBridge and various APIs for the AWS Lambda team that detects performance regressions following a deployment, impacting over 100,000 users.
- Tested the tool using JUnit considering various edge cases resulting in 99% code coverage.

California Baptist University

Riverside, CA

Audio Visual Technician

June 2022 — June 2023

- Maintained, repaired, and troubleshooted audiovisual equipment, such as projectors, audio systems, and computer hardware connections, achieving an average equipment uptime of 98% for the university's professors.

Projects

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- **HopperChat — Github Link:** Designed and implemented an engaging and user-friendly website for socializing and chatting with friends, built using HTML, CSS, TypeScript, React, Webpack, Git, and Firebase with 23 users.
 - **Khan Academy Notifications Extension — Github Link:** Featured Chrome / Firefox extension to enable real-time Khan Academy notifications using HTML/CSS, TypeScript, Webpack, ESLint, and Git with over 60 daily active users.
 - **Personal Website — Site Link:** Developed personal portfolio website using Angular, TypeScript, and SASS, with backend hosted with a C++ HTTP server (previously on Express), now with load times averaging under 150ms.

Skills

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- **Languages:** JavaScript, TypeScript, Python, Java, C++
 - **Other:** React, Angular, SCSS, SASS, Node.js, Express, Webpack, Firebase, ESLint, Git, HTML, CSS

Leadership and Professional Organizations

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- **Association for Computing Machinery Club — Vice Chair**
 - **Robotics Club — Programmer**