

Elias Murcra

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Technical Skills

- Web Development: HTML, CSS, JavaScript, React, TypeScript, Angular, SCSS, Node.js, Express
- Tools and Frameworks: Webpack, Git CLI, Google Firebase, Google Cloud Platform, Amazon Web Services (AWS), ESLint, Microsoft Azure, Visual Studio Code
- Other: Linux, Chrome Extensions, Firefox Addons, Pinescript

Education

- Bachelor of Science in Computer Science (Expected Graduation: May 2026)
California Baptist University, Riverside, California

Extracurricular Activities

- CBU Robotics Programmer
- CBU Association for Computer Machinery (ACM) Programmer
- **Student Audio Visual Technician**
 - Date Worked: June 2022 - Present
 - Employer: California Baptist University
 - Responsibilities: Maintaining and repairing audiovisual equipment such as projectors, audio systems, and computer hardware connections in classrooms and conference rooms. Providing technical support to instructors and students during class sessions. Ensuring all equipment is in good working condition before each class and addressing any issues that arise during the class.

Projects

- [San Bernardino County Teacher's Association Homepage](#)
 - Description: Online hub for San Bernardino County Teacher's Association (SBCTA). Provides information, resources, advocacy tools, membership management, and communication for teachers. Built with React, hosted on Firebase. Backend server built with Node.js and Express and hosted using AWS EC2 Linux VM.
 - Technologies: React, TypeScript, Webpack, Git, Firebase, Express, Node.js, AWS
 - Key Achievements: Deployed production-ready website meeting all of the client's requirements. Designed a custom backend to proxy Mailchimp API requests to hide the API key from public view.
- [Khan Academy Notifications Extension](#)
 - Description: Designed and built a Chrome extension that enables real-time notifications for Khan Academy users.
 - Technologies: HTML, CSS, TypeScript, Chrome API, Webpack, Git
 - Key Achievements: Self-taught and implemented new technologies, such as TypeScript, Webpack, and Git, while developing this extension to meet the needs of Khan Academy users and fill a gap left by an obsolete extension. After it gained popularity, I worked with a team of developers to maintain the extension.
- [Hopperchat](#)
 - Description: Developed an engaging and user-friendly website for socializing and chatting with friends.
 - Technologies: HTML, CSS, TypeScript, React, Webpack, Git, Firebase
 - Key Achievements: Created an enjoyable and interactive platform for users to connect and communicate with friends, with features such as real-time chat, customizable profiles, shared media.