

Katrina Bosler

katrinab2727@gmail.com [LinkedIn-Profile](#)

SKILLS

Languages: Java, JavaScript, C, Python, HTML, CSS, SQL

Technologies: Linux, Web Development, UI/UX Design, Github, 3D Printing and Design, Chromebook Repair

Cybersecurity: [Google Cybersecurity Specialization Certified](#), Competed in picoCTF Competition, Threat Analysis, Incident Response, Network Security, NIST Framework, Communication

EXPERIENCE

Blueray Aquatics, Covina, California — *Swim Instructor, Coach, and Lifeguard*

June 2023 - PRESENT

- Took leadership and responsibility over teaching children and making sure they were safe
- Improved my communication and clarity when teaching and working with others

Los Angeles Elections, San Dimas, California — *Election Worker*

October 2022 - November 2022

- I oversaw the poll pads and checked in voters for the 2022 midterm elections for LA county
- Dealing with different situations utilized my problem solving skills and communication

EDUCATION

University of California San Diego, La Jolla — *Computer Science B.S.*

September 2023 - PRESENT

- Current GPA: 4.0
- WIC (Woman in Computing), Regents Scholars Program, CSE Society, CSE-PACE, Jump Mentorship Program, Envision Arts and Engineering Studio Member

PROJECTS

Portfolio Website — [Home - Projects \(katrinab2727.github.io\)](https://katrinab2727.github.io)

- HTML, CSS, and JavaScript, featuring personal and academic projects
- Implemented custom animations and user interface enhancements with CSS, including interactive overlays
- Deployed the site on GitHub Pages, using Git for version control

Spotify Charts Song App — [Spotify Charts Song Picker - App Lab - Code.org](#)

- Developed a Spotify-integrated music app that pulls data from Spotify's Top 50 and Viral 50 charts
- The app randomly selects and displays song rankings across multiple charts, showcasing proficiency in JavaScript, game design, and user interface (UI) development

Recipe Assistant Web Application — [Recipe Assistant \(main--recipes assistant.netlify.app\)](#)

- Web application that helps users create and manage recipes, featuring ingredient management, cooking steps, and a user-friendly interface
- Uses web development, JavaScript programming, UI design, responsive design, and API integration
- Integrated Tidio for real-time customer support and enhanced user interaction

Java Battleship Game — [Java Battleship Game - Sandbox - CodeHS](#)

- Java programming, **object-oriented design**, and implementation of **data structures and algorithms**
- Highlights **problem-solving** skills, game logic design, and the ability to structure complex code efficiently while being user interactive