Katrina Bosler

katrinab2727@gmail.com | LinkedIn-Profile | (909) 292-3868

SKILLS

Languages: Java, JavaScript, C, Python (Beginner), HTML, CSS, SQL

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

Cybersecurity: Google Cybersecurity Specialization Certified, picoCTF Competition, Threat Analysis, Incident Response, Network Security, NIST Framework, 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

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

PROJECTS

Portfolio Website — Home - Projects (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 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