

## Bryan Rhoelle Bergenholtz

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### EDUCATION

**California State University - Long Beach**  
*B.S. in Computer Science*

**Grad Date: May 2025**

### EXPERIENCE

#### **Terravan Solar**

**June 2023 - May 2024**

*Software Engineer Intern*

- Developed embedded system features for battery connectivity using USB serial communication with android devices.
- Optimized C++ libraries (e.g Jbd Library) to improve communication with Arduino ESP32.
- Collaborated in Agile workflows with fellow engineers to deliver production-ready features on tight timelines.
- Practiced code debugging, version control, and iterative development.

### PROJECTS

#### **Personal Expense Tracker App**

**March 2025**

*Software Developer*

- Developed a personal expense/finance tracker mobile application using React Native and Expo for iOS.
- Created screens and pages for functionalities such as adding expenses and viewing balances.
- Added visualizations to show how expenses are divided across categories such food, bills, and transportation.

#### **Personal Portfolio Website**

**February 2025**

*Software Developer*

- Designed and developed a responsive personal portfolio showcasing project highlights and technical skills.
- Built with modern frameworks such as Next.js and Tailwind CSS.
- Integrated dynamic project showcases and contact forms for seamless user interaction.

#### **SRB Construction and Engineering Services Website**

**June 2024 - January 2025**

*Software Developer*

- Developed and deployed a responsive business website using Next.js and Tailwind CSS to enhance the company's digital presence.
- Collaborated directly with the client to gather technical and design requirements, translating business needs into a user-friendly web experience.
- Conducted iterative user testing and feedback sessions, refining UI/UX to boost usability and engagement.

#### **Full Stack Messaging Web App - CSULB Senior Project**

**January 2024 - December 2024**

*Software Developer*

- Developed a real-time messaging platform with file sharing and authentication.
- Integrated PostgreSQL using NeonDB for scalable, cloud-based storage and retrieval.
- Leveraged Restful APIs and Next.js for seamless front-end/back-end interaction.
- Worked in an Agile SCRUM team of five, using Jira to track deliverables and milestones.

### TECHNICAL SKILLS

**Programming Languages:** JavaScript, Python, C++, C#, HTML, CSS

**Frameworks:** React, Next.js, ASP .NET, Tailwind CSS, Node.js, React Native

**Databases:** SQL, PostgreSQL, MongoDB

**Tools:** Figma, VsCode, Jira, Git