# **Emily Hawkins**

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A passionate Computer Science student devoted to continuous learning, with a keen interest in software development, honing teamwork and developing skills through open source contribution.

### **Education**

California State University, Long Beach | Computer Science, B.S. Expected May 2025

- In-major GPA: 4.0
- Undergraduate Coursework: Data Structures, Algorithms, Object-Oriented Application Development, Database Fundamentals, Intro to Software Engineering
- Tau Beta Pi Engineering Honor Society

### **Computing Talent Initiative (CTI)**

Sep 2023 - Present

• Collaborated with fellow peers to apply professional and technical skills, learning, developing, and improving them through mock interviews.

### **Technical Experience**

Enrollment Project (2023): A database management system storing data on student enrollments in majors and courses allowing users to easily edit and retrieve data. Python, NoSQL, MongoDB.

3n + 1 (Big Int) (2023): A small program that performs the calculations from the Collatz conjecture, modified to accept large integers without causing overflow. C++.

War Against Greed! (2021): A console-based card game that gives players the options to autoplay, play manually, and exit the game. Python.

## **Work Experience**

### freeCodeCamp SWE Internship | CTI-CodeDay Labs

Oct 2023 - Dec 2023

- Contributed to <a href="freeCodeCamp Classroom">freeCodeCamp Classroom</a>, an open source project aimed to provide planning and management capabilities for instructors via an interactive dashboard on freeCodeCamp's learning platform which serves 1M+ active users monthly.
- Refactored variable names in the React front-end dashboard page file to improve code readability and maintainability, ensuring a more intuitive and developer-friendly codebase (<u>Pull Request</u>).
- Ensured that the parsed mock data fetched through the **Node.js** mock server aligned with the new refactored names of the variables that stored them.

### **Skills**

**Programming Languages:** Python (Intermediate), C++ (I), SQL (I), NoSQL (Beginner),

HTML (B), CSS (B), JavaScript (B) **Technologies**: MongoDB (B), PostgreSQL (B)

Other: Problem Solving (I), Team Work (I), Communication (I)