

# EMILY MADSEN

1509 Frazier St  
Camarillo, CA

(805) 603-0476  
emadsen@csumb.edu  
<https://github.com/emadsen114>

## EDUCATION

---

**Seaside, CA**      **California State University Monterey Bay**      **Expected May 2026**

Bachelor of Science in Computer Science

- Concentration in Software Engineering
- In-major GPA: 3.4
- Undergraduate Coursework: Operating Systems; Data Structures; Programming Languages; Computer Architecture; Calculus I

## TECHNICAL EXPERIENCE

---

### Projects

#### **Streamlit** *CTI-CodeDay SWE Micro-Internship (Python)*

- Collaborated with a mentor on streamlit, an open source framework that turns data scripts into shareable websites with 30k+ stars on Github
- Worked on catching errors for slider files and developing clear and concise error messages to lead users and fellow developers on how to correct specific errors
- Technologies Used: Python ([Blog Post](#))

## EMPLOYMENT/EXPERIENCE

---

**Teaching Assistant**      **California State University Monterey Bay**      **Spring 2024**

Held weekly office hours to tutor individuals and small groups in Java increasing the number of students learning & passing the class.

Provided in-class and grading support for 74 students in an intro to programming course.

Met weekly with other teaching assistants for training to learn and implement high impact practices.