

Emily Onofrio

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Education

University of California, Irvine

B.S. in Software Engineering — Expected May 2028

GPA: 3.9

Crafton Hills College

Associate of Science in Mathematics

Associate of Science in Computer Science — June 2025

San Bernardino Valley College

Computer Science and Mathematics Coursework (2023–2025)

Technical Skills

Languages: Java, Python, C++

Web: HTML, CSS, Bootstrap

Tools: Git, GitHub, VS Code, Eclipse

Projects

- Balatro Chips Calculator (Python, Personal Project – Work in Progress): Designed a Python-based calculator to model complex scoring logic and modifiers, focusing on clean mathematical abstraction and extensibility.
- 2D Pixel Game (Java, Personal Project): Developed a 2D pixel-based game using object-oriented design principles, implementing player mechanics, collision handling, and game loops.
- Banking System Backend (C++, Course Project): Implemented a fully functional backend banking system with account management and transaction handling, emphasizing data encapsulation and system integrity.

- Responsive Portfolio Website (HTML, CSS, Bootstrap, Course Project):
Built a responsive personal portfolio
using semantic HTML, Google Fonts, and Bootstrap breakpoints with
attention to accessibility and layout.

Work Experience

Tommy Hilfiger

Retail Associate (2022 – August 2025)

Cashwrap Lead (1 year)

Relevant Coursework

- Data Structures
- Discrete Mathematics
- Linear Algebra
- Assembly Language
- C++ Programming
- Java Programming