

Jonathan Mai

626-551-8436 | jonathanmai@gmail.com | [LinkedIn](#)

EDUCATION

Cal State University, Fullerton

Bachelor of Science in Computer Science, Expected Fall 2024

GPA: 3.80

EXPERIENCE

Key Club Volunteer: September 2019 – May 2021

- Engaged in multiple food drives, contributing to the distribution of essential supplies such as food, drinks, and clothing to individuals in need.
- Demonstrated exceptional communication and teamwork skills, fostering strong relationships within the team and effectively interacting with individuals from diverse backgrounds.
- Adaptable and quick learner, efficiently working both as a collaborative team member and independently to accomplish project goals.

PROJECTS

PDF Page Merge and Separation (Python)

- Developed a Python script to merge and separate individual pages within PDF files, addressing a need for efficient note-taking during class.
- Designed to overcome limitations of certain PDF applications lacking this functionality.
- Utilized Python libraries to manipulate PDF files, enhancing productivity and document organization.

Wordle Clone (C++, Svelte)

- Completed a school project individually, focusing on the development of backend game logic in C++ in popular online game “Wordle.”
- Utilized the school-provided Svelte framework for the frontend, customizing it to align with project requirements.
- Enhanced game logic to mirror the authentic Wordle experience, accurately indicating not only correct positions (green) but also correctly guessed letters in incorrect positions (yellow).

Personal Website (HTML, CSS, JavaScript)

- Designed and constructed a personal website using HTML, CSS, and JavaScript to showcase personal projects, providing a comprehensive overview of technical skills and accomplishments.
- Developed a responsive layout, optimizing the website for various devices and screen sizes, guaranteeing a consistent experience on desktops, tablets, and mobile devices.
- GitHub Version Control: Employed GitHub for robust version control, ensuring project continuity and enabling collaborative development.

RELEVANT COURSEWORK

- Data Structures & Algorithms
- Python Programming
- Computer Organization & Assembly Language
- File Structure & Database Systems
- Operating System Concepts
- Foundations of Software Engineering

TECHNOLOGIES AND LANGUAGES

- C++, Python, JavaScript, Typescript, React, MySQL, HTML, CSS, Tailwind CSS
- Git, npm, Linux, Windows, macOS