

Victor Prieto

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Education:

California State University Fullerton

Fullerton, CA

Bachelor of Science in Computer Science
Minor in Mathematics

Graduating 2024

GPA: 3.4

Relevant coursework: Intro to Programming, Object Oriented Programming, Data Structures, Python Programming, Computer Organization and Assembly Language, File Structures and Databases, Algorithm Engineering, Operating System Concepts, Software Engineering, Compilers and Languages, Computer Communications, Artificial Intelligence, Computer System Architecture, Cybersecurity Fundamentals and Principles, Computational Bioinformatics, Cloud Computing and Security, Software Development with Open Source Systems

Bachelor of Science in Mechanical Engineering

Incomplete

Relevant coursework: Mechanics, Physics with Lab Work, Statics and Dynamics, Calculus, Linear Algebra and Differential Equations, MATLAB, SOLIDWORKS, AutoCAD, Chemistry for Engineers, Thermodynamics, Electric Circuits and Lab Work

University Projects:

A* Search Game

- Description: As part of a two-person team, developed a tracking minigame using Pygame that showcases and implements the informed A* algorithm.
- Technologies Used: Visual Studio Code, Python(Pygame), Linux
- [Github](#)

React Website

- Description: As part of a three-person team, we developed a user-friendly React website with a simple user interface utilizing the MERN stack. 3D objects from NASA's 3D model's website were used as our object files to showcase various aeronautical objects. The website was hosted on a Virtual Machine using an Apache server.
- Technologies Used: Visual Studio Code, React, Linux
- [Github](#)

FTP Client and Server

- Description: As part of a five-person team, we implemented the File Transfer Protocol. A client-server architecture utilizing Sockets to have clients connect to the server in which files can be received, and placed into the server.
 - Technologies Used: Visual Studio Code, Python(Sockets), Linux
 - [Github](#)
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Skills:

- C++, Python (Pandas, NumPy, Matplotlib, Django, Pygame)
- HTML/CSS
- Git
- Linux