

Mark Fastner

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Education

California State University Long Beach | GPA 3.6/4.0

August 2019- Present

Bachelor of Science: Computer Science | Expected Graduation Date: May 2023

Relevant Coursework: Data Structures, Algorithms, Discrete Structures, Database Fundamentals, Object Oriented Application Development, OS, Computer Security Principles

Skills.

Languages: Java, Python C++, C#, SQL, HTML, CSS, Javascript, Verilog Assembler

Developer tools: GitHub, .NET, JetBrains IDE's, Postgres, React, JDBC, VS Code, Figma

Passion Projects

Designing and creating my own video games.

Asteroid Game

June 2017

- Designed and coded a unique Asteroid inspired game with GUI on phone while touring Europe.
- Game included multiple versions with new features.
- Implemented math concepts for player movements and chasing feature.

Family Card Game

July 2020

- Coded our favorite family game, "The Great Dalmuti"
- Implemented Object Oriented Design
- Allows for multiple players to play at once

Competed in BeachHacks Hackathon(CSULB)

April 2021

- Competed in virtual setting with partner to contend for the best website prize
- Coded using html and css then linked website to unique domain name

Creating my own web scraper

February 2022

- Conducted personal research in obtaining and handling data from the internet
 - Used beautifulsoup python library to extract desired data from given url
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Experience

Fastner's Swim School, Poway

Owner

May 2022 - Present

- Utilized prior experience to establish my own swim training business leading two other instructors
- Took care of all business operations including planning, building, advertising, selling, and scheduling
- Created a professional webpage using html and css

FIT Athletic Club, Carmel Mountain

Head Lifeguard/Sales associate

September 2021- Present

- Trained and led 8 other lifeguards
 - Maintained pool hygiene and kept pool chemicals and temperatures at appropriate levels
 - Went above expectations and expanded my involvement through membership and cafe sales
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Awards

Dean's List 2021, HS Academic Honors, Scholar Athlete, First Team All-League in water polo

Languages

Native English and German speaker, intermediate Spanish

Interests

Revolutionary technologies, fitness, certified open water diving, traveling, video games