

# DANIEL OCHOA

Computer Science Major

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## SUMMARY

Experienced and versatile in front-end development, specializing in React with a strong track record of delivering user-centric solutions. Skilled in crafting dynamic and intuitive user interfaces to enhance user experiences. Seeking an entry-level position in software engineering or cybersecurity, with proficiency in a wide range of programming languages and frameworks, including React.js, Django, Flask, and Node.js. Eager to leverage my skills and education in computer science to contribute effectively to innovative projects.

## PROJECTS

Barbershop Website 01/2024 - Present

Personal Project West Covina, California

- Developing a website for a barbershop using HTML, CSS, JavaScript, and Flask, featuring a Neural Network trained chatbot, an E-Commerce shop, and blogs on hair care for men.
- Collaborated with a partner to develop a comprehensive website for a barbershop.
- Utilized HTML, CSS, and JavaScript for front-end development to create a responsive and user-friendly interface.
- Implemented Flask for back-end development to handle server-side logic and API integrations.
- Developed a Neural Network trained chatbot using Python and Flask to provide interactive assistance to users.
- Created a full E-Commerce shop to sell products and services, enhancing customer experience and engagement.
- Designed and managed blogs providing information on hair care for men, showcasing expertise in web development and content creation.

Weather Outfit Generator 01/2022 - 05/2022

CSU Fullerton Fullerton, California

- Developed an outfit generator as part of an Intro to Swift course project.
- Implemented Swift UI to create dynamic and intuitive user interfaces.
- Integrated random weather data for the user's specific location, enhancing realism and user experience.
- Demonstrated proficiency in Swift and UI design principles.

Network Socket Creation 01/2022 - 05/2022

CSU Fullerton Fullerton, California

- Developed a program in C++ to create sockets for sending and receiving data.
- Created a program as part of a networking project to understand socket programming fundamentals.
- Learned how to create, bind, send, receive, and close a socket in C++.
- Demonstrated proficiency in networking concepts and C++ programming.
- Gained hands-on experience in low-level network communication.

Database Creation 01/2022 - 05/2022

CSU Fullerton Fullerton, California

- Collaborated with a team on a database project to understand SQL fundamentals.
- Wrote SQL queries to retrieve, insert, update, and delete data from tables.
- Designed and created tables, learning about different keys and database normalization.
- Demonstrated teamwork skills and proficiency in database management..

## EDUCATION

Bachelors of Science in Computer Science 01/2022 - Present

California State University, Fullerton Fullerton, California

Associates of Science in Computer Science 08/2019 - 12/2021

Citrus College Glendora, California

## ACHIEVEMENTS

### Team Collaboration

Successfully collaborated with a team to develop and implement database solutions, demonstrating strong teamwork and communication skills.

### Project Leadership

Led the development of various projects, including the Weather Outfit Generator and the Barbershop Website, showcasing effective project management and leadership abilities.

### Technical Proficiency

Demonstrated proficiency in multiple programming languages and frameworks, such as Swift, C++, HTML, CSS, and JavaScript, through the successful completion of various projects.

## SKILLS

HTML5 · CSS · JavaScript · Python · C++ ·

C# · Kotlin · Swift · SQL · R · Node.js ·

React.js · Django · Flask

## CERTIFICATION

Google CSRMP (Computer Science Research Mentorship Program)

Engaged in a prestigious research mentorship program, enhancing skills in computing research and networking within the field.

## PASSIONS

### Exploring New Technologies

Passionate about exploring new technologies and methodologies, with a particular interest in software engineering and cybersecurity, driving continuous learning and innovation.

### Creative Problem-Solving

Enjoy creatively solving complex problems in software development, leveraging diverse skills and knowledge to overcome challenges and achieve desired outcomes.