

# Darren Chen

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## EDUCATION

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### California University of Fullerton

Fullerton, CA

Bachelor of Science in Computer Science

In Progress: Aug. 2021 – Present | Expected Completion: May 2025

## PROJECTS

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### WikiGuess (1st Place CSUF Hackathon) | [GitHub Link](#) | [Website Link](#)

April 2023

- Python, Flask, HTML, CSS, JavaScript
- Developed a full-stack web game that challenges users to identify real Wikipedia articles when presented alongside convincing, AI-generated fake excerpts using OpenAI's text generation API.
- Won 1st place in the ML/AI category at the FullyHacks hackathon by collaborating with a team of 3 other developers.
- Contributed to the web development of our project focused on building the frontend using HTML, CSS, and JavaScript. Implemented responsive design and interactive features to create an intuitive user interface.

### Memory Game | [GitHub Link](#) | [Website Link](#)

August 2023 - December 2023

- React, NodeJS, HTML, CSS, JavaScript, Vite
- Developed a memory card flipping game web application using React and JavaScript to strengthen front-end programming abilities.
- Implemented game logic and state management in React with hooks including useState and useEffect to track game state, player choices, matches, turns and winning condition.
- Created an engaging user experience with animated card flipping, match notifications, restart button and turn counter.

### Covid Website | [GitHub Link](#) | [Website Link](#)

November 2023 - December 2023

- React, NodeJS, HTML, CSS, JavaScript, Vite, React-Chart, Axios, API
- Developed a full stack website that displays COVID-19 statistics
- Integrated Axios for efficient data fetching from the [Covid Tracking API](#)
- Utilized React-Chart library to visualize COVID-19 data through interactive charts and graphs
- Implemented a responsive and user-friendly UI for easy navigation and accessibility
- Collaborated with a team to continuously improve and update the website with new features and data sources

### Chess | [GitHub Link](#)

December 2022 - January 2023

- Python, PyGame
- Developed a basic chess program utilizing Pygame
- Utilized object-oriented programming principles to create classes for chess pieces, the game board, and player management.

## RELEVANT COURSEWORK

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**Data Structures:** C++, Python

**Algorithms:** Data Structures, C++, Python

**Web Development:** Full Stack Web Development, Front-end Frameworks (React), Back-end Frameworks (Node.js, Flask)

**Operating Systems:** C++, C, Processes and Threads, Memory Management, I/O

**File Structures and Databases:** SQL, MySQL, MariaDB

## TECHNICAL SKILLS

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**Languages:** Python, C/C++, Type/JavaScript, HTML/CSS, SQL

**Frameworks:** React, Node.js, Flask, FastAPI

**Developer Tools:** Git, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse