

Owen Ziegler

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CAREER PROFILE

Electrical, Computer, and Software Engineering candidate with a strong foundation in programming and digital system fundamentals. Skilled in critical thinking, problem-solving, and on-the-fly learning. Motivated to contribute to and learn from an innovative team.

Skilled With: Vivado, Git, MongoDB Compass, Office 365, WireShark, Agile Development, React, Express.js, Node.js

Languages: C, C++, JavaScript, Python, System Verilog, Java, MIPS Assembly

EDUCATION

Texas State University, San Marcos, TX - December 2025

B.S. in Electrical Engineering with a Concentration in Computer Engineering

Relevant Coursework: Digital Logic, Digital System Design using HDL, Microprocessors, Signals & Systems

B.S. in Computer Science with a Minor in Mathematics

Relevant Coursework: Software Engineering, Operating Systems, Computer Architecture, Computer Ethics, Algorithm Design and Analysis

PROJECTS

Graphics Hardware Performance Analysis (Spring 2022):

Worked with one other student to design and perform tests on AMD and NVIDIA graphics cards, and compare their performance through analysis of collected data.

Battleship Implementation (Fall 2022):

Worked with three other students to design an implementation of the classic board game Battleship. Experience was gained with Python, Agile Development, Jira, and BitBucket.

Wardrobe Website and Algorithm (Spring 2023):

Worked with two other students to design and implement a website for cataloging users' clothes and an algorithm to suggest outfits for users to wear, which reacted to user feedback to learn their preferences. Experience was gained in MERN Stack development and UX design.

EMPLOYMENT HISTORY

Cook, Root Cellar Cafe (October 2023-Present):

Utilized improvisation and teamwork skills to prepare and serve food for up to 300 customers per shift. Commended by management on quick learning and independence.

Delivery Driver, Uber Eats (February 2022-October 2023):

Delivered meals from restaurants to customers with punctuality. Last recorded customer satisfaction rating was 96%.

ADDITIONAL INFORMATION

Work Eligibility: Eligible to work in the United States with no restrictions.