

Jordan Shefman

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EDUCATION:

University of Michigan, Ann Arbor, MI
Bachelor of Science in Computer Science, 2023
Michigan Community Scholars Program
Google Data Analytics Certification

TECHNICAL SKILLS:

Languages: C++, C, SQL, Java, HTML, CSS, JavaScript, React, Angular, Vue, JQuery, Python, PowerShell, OCaml, .NET, Assembly

Relevant Skills: Full stack developer, object oriented programming, agile development, project testing frameworks, A/B testing, version control (Git), REST APIs, Docker, AWS, Oracle, Microsoft SQL Server, Tableau

Relevant Coursework: Statistics, Discrete Math, Data Structures & Algorithms, Data Oriented Programming, Computer Architecture, Database Management Systems, Building Programming Languages, User Interface Development, Cyber Security, Human Centered Design, Mind and Machine

WORK EXPERIENCE:

Web Developer | *Friedman Real Estate* | Farmington Hills, MI | May 2023

- Collaborated effectively with a small team utilizing the Agile development model, delivering high-quality web solutions
- Increased user traffic by 11% through the implementation of SEO strategies and optimized front-end development practices
- Facilitated successful launch of live site by configuring web server infrastructure and ensuring uninterrupted user experience

Software Engineer | *Daifuku America* | Novi, MI | May 2022 - August 2022

- Enhanced production-level C++ code to implement routing decisions for between 1 and 28 automated forklifts and tuggers
- Contributed to increasing vehicle efficiency by 24% through new functionality and logic
- Constructed and managed a database of over 1 million data points to generate reports and meet client needs (SSMS/SSRS)

Python Instructor's Assistant | *University of Michigan School of Information* | Ann Arbor, MI | September 2022 - May 2023

- Drafted and graded weekly homework assignments and collaborated with a small team to develop a code checking system with 97.4% accuracy
- Guided and tutored over 100 students to develop programming and software development skills, including: basic data structures, debugging and testing, distributed code repositories, regular expressions, BeautifulSoup, and REST APIs
- Lectured a class of 80 students about the methods of debugging and the importance of checking code early and often

Data Intern | *IVF Michigan* | Bloomfield Hills, MI | June 2021 - August 2021

- Administered and executed data entry and management tasks utilizing SQL with CSV file formats, ensuring 100% accuracy and extreme efficiency
- Analyzed data to identify and eliminate redundant records, reducing time to retrieve specific records by an average of 1.3 minutes per search

PROJECT EXPERIENCE:

Fantasy Football Web Application (January 2023)

- Developed front-end and back-end of a web app to manage user data and information leveraging Firebase servers (NoSQL)
- Automated REST API requests, standings computation, and leaderboard hosting to reduce weekly working hours by 4 and increase users by 200%
- Designed with 40% HTML, 10% CSS, 40% React, and 10% Python

Facebook Database Clone (February 2022)

- Engineered a database capable of storing information on over 100,000 users, photos and albums, events, and messages
- Designed complex queries, friend suggestions, and related user predictions with 75% accuracy
- Constructed with 75% SQL and 25% Java

Campus Drone Delivery System (April 2021)

- Created a path for potential campus drone to make deliveries, would replace 17 weekly employee hours
- Capable of creating a Minimum Spanning Tree or using the Traveling Salesperson problem to connect all drop-off points
- Engineered two versions of Traveling Salesperson problem to balance speed and optimization for drone's route
- Designed in 100% C++

EXTRA CURRICULARS:

Senior Video Editor

The Michigan Daily, Ann Arbor, MI | October 2020 - January 2023

- Spearheaded full production of news videos, delivering timely content in response to breaking news events
- Coordinated crew members and equipment to maximize filming schedules, boosting monthly production by 3.5 videos

Michigan Community Scholars Program

Ann Arbor, MI | August 2021 - August 2020

- Led a team of individuals in a community service initiative, overseeing all aspects of the project from planning to execution.
- Volunteered at Food Gatherers, stocking shelves and serving over 500 customers over multiple shifts