YUSUF OZDEMIR

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https://yozdmr.github.io/

QUALIFICATIONS SUMMARY

Responsible, talented computer science major with substantial academic achievement. Possesses technical knowledge on a variety of subjects and has experience in object oriented programming, web development and database management.

EDUCATION

Miami University, Oxford OH   Expected May 2025
Bachelor of Science   **3.75 GPA**
- Double major in Computer Science and Data Science, minors in Mathematics and Spanish.
- Relevant coursework: Object Oriented Programming, Systems Programming, Data Abstraction and Data Structures, Algorithms, Statistical Modeling and Probability.

SKILLS

- Technical skills: Java, Python, C++, HTML/CSS, R and JavaScript. Experience with Python libraries - Selenium, Flask, Django, SQLAlchemy.
- Good understanding of object oriented programming, file I/O, web development, pointers/memory management and the Unix operating system. Basic knowledge of socket programming.
- Experience with web development and web development principles.
- Experience with SQL databases and the SQL programming language - mySQL, postgreSQL, Microsoft SQL Server.
- Languages: Fluent in Spanish and Turkish, native language is English.

HONORS & ACTIVITIES

- President's List (Fall 2021) and Dean's List (Spring 2022, Summer 2022, Fall 2022) at Miami University.
- Full Stack Web Development Certification from Udacity (April 2023).
- Member of the National Honor Society (2021 - Present).
- Member of Talawanda High School's Varsity Boys Soccer team (2019 - Present).
- Member of Kode2Learn, a student led organization - teaches kids in the Oxford area, from a variety of elementary and middle schools, the fundamentals of programming and problem solving.

PROFESSIONAL EXPERIENCE

Inventory Manager and Mechanic   June 2020 - November 2022
BikeWise Oxford, Oxford OH
- Volunteered at a local bike shop in Oxford to help out with various tasks.
- Managed inventory using Ascend inventory management software, an SQL-based software. Organized items on shelves, checked to make sure inventory was accurate, put tags on necessary items. Worked with a database of thousands of items.
- Undertook repairing bikes. Replaced tires, tubes, chains, bottom brackets, derailleurs, cables and housing, and more. Adjusted derailleurs, headsets, and brakes. Worked on up to 5 different bikes per day (2 to 4 hours).
- Advised and helped customers. Answered questions in person or through phone calls and helped make sales.

PROJECTS

- Designed a single-socket C++ client-server program. It allows a connected user to upload, view and delete txt files from the relevant folder in the host machine.
- Developed an e-commerce app using C++ CGI scripts, HTML/CSS and a mySQL database. It allows the user to create an account and log in, browse items in a variety of ways, add items to cart, and check out items.
- Currently leading a team of four people in the development of a full-stack web application for browsing, discovering and reviewing local businesses in Oxford, Ohio.