OMAR AL-JAAFARI

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PERSONAL STATEMENT

Computer Science student seeking full-time software engineering position starting May 2024. Previous experience includes agile software development, front-end web development, and database creation.

EDUCATION

Westminster University (pka Westminster College) – Salt Lake City, UT — Computer Science (BS), Applied Mathematics Minor – **4.0 GPA**
EXPECTED GRADUATION DATE: MAY 2024

Relevant Coursework: Software Engineering, Algorithms, Data Structures, Operating Systems (OS), Computer Systems & Programming, Computer Networks, Artificial Intelligence (AI), Computer Graphics, Linear Algebra, Discrete Mathematics, Statistics

PROJECTS

ECEP web dashboard improvement — *Westminster University*
JUNE 2023 - SEPTEMBER 2023
- Updated web dashboard utilizing React, TypeScript, and D3.js with a team for the Expanding Computing Education Pathways (ECEP) Alliance, funded by the NSF.
- Presented Utah high school computing enrollment statistics through the dashboard.

Fruit Rush (educational math game) — *Westminster University*
JANUARY 2023 - APRIL 2023
- Collaborated with classmates using **Agile** development practices, Unity, C#, Git and GitHub.
- Coded math problems to display, collected answers, and rewarded players if correct.

Database Creation Summer Research — *Westminster University*
JUNE 2022 - JULY 2022
- Built 2 relational databases using MySQL, Google Sheets, Python, and external data with a team.
- Delivered two presentations on the databases and their practical use to a general audience.

WORK EXPERIENCE

Disability Services & Testing Center Office Assistant — *Westminster University*
JANUARY 2022 - SEPTEMBER 2023
- Maintained confidentiality of office communications.
- Created a 3D-printed map of the school campus for those visually impaired.
- Gathered data on the quantity of tests per semester using spreadsheets and observed any trends.

SKILLS

Python, Java, Agile software development, HTML, CSS, JavaScript, TypeScript, React, C#, Git, GitHub, NumPy, MySQL, Linux, C