Austin Franzen

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EDUCATION

B.S. Computer Science   Minneapolis, Mn | Sep 2020 - Dec 2023
UNIVERSITY OF MINNESOTA TWIN-CITIES

WORK EXPERIENCE

U.S. BANK | SOFTWARE ENGINEER   Hopkins, Mn | Jun 2024 –

- Apart of a select rotational program that rotates engineers between different software and infrastructure teams within the company. Working alongside senior engineers in an Agile environment.
- Taken on front-end and back-end work as well as high priority bug fixes. I implemented new performance metrics dashboards that are visible to hundreds of employees, increasing visibility of storage performance.
- Developed a system of Splunk alerts that reduce my team and other team's number of incidents by 10 percent. Utilized Python to capture storage system configuration status and send incidents to affected teams, preventing future higher priority incidents.

U.S. BANK | SOFTWARE ENGINEER INTERN   Minneapolis, Mn | Jun 2023 - Aug 2023

- I worked in the Document Custody Services department with multiple full-time developers and collaborated with many high-value business lines.
- Tasks included creating UML documentation for an automation process that resulted in improved transparency and efficiency. I also helped to write scripts that aimed to correct any errors inputted by business line users, which alleviated hundreds of incorrect date inputs.
- Throughout the summer, I worked in an agile environment and participated in daily stand-ups.

UNIVERSITY OF MINNESOTA | TEACHING ASSISTANT   Minneapolis, Mn | Sep 2021 - Dec 2023

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ENDRIES INTERNATIONAL | QUALITY ANALYST INTERN   Sycamore, Il | June 2022 – August 2022

- I worked to inspect hundreds of parts, audited incoming and outgoing shipments for quality and correctness, and designed a program in Python to assist in LAB color readings.
- I worked closely with multiple department leads and the company president to ensure quality standards were met.

PROJECTS

Full Stack Course Project   Jun 2023
I created a personal website that required both front-end and back-end development. The website utilized HTML5, CSS, and Javascript to display information to the user. The website further utilized Node.JS and Express for server deployment and SQL for protecting and storing data. Resulted in a full-stack application that could be accessed on any machine.

C++ Course Project   Aug 2022
I and another student implemented front and back-end additions to a "virtual drone delivery system" that consisted of hundreds of classes. We utilized Decorator and Factory patterns in order to allow the user to better choose their desired destination and brought battery logic to all drones within the program. Written in C++ and HTML.

SKILLS

Languages: Java, Python, C, C++, SQL, OCAML, JavaScript, x86, Perl, SPL
Web Development: React, JavaScript, HTML/CSS
Technology: Docker, IntelliJ, Git, Node.JS, Express, AJAX, Splunk, ServiceNow, Azure