Kidus Degefu

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www.github.com/kidusdegefu

Work Experience

Sanford Health   May 2022 – January 2023

Software Engineer in Test   Sioux Falls, SD

- Automated manual processes using APIs and Robotic Process Automation (RPA) frameworks such as Robot Framework.
- Wrote test cases, test plans, and test suites to automate the testing process for Sanford websites such as mysanfordchart.org.
- Automated smoke, functional, and regression test scenarios for Sanford Health plan using Playwright.

Daycos, INC   May 2021 – May 2022

Software Engineer   Norfolk, NE

- Developed new features for internal software, increasing user satisfaction by 25%
- Translated functional specifications into logical, component-based technical designs.
- Used Cypress testing framework and wrote a code to automate the testing process, which lowered the testing time by 85%.
- Collaborated with a team of 4 to understand product vision and requirements; executed against plan to deliver high quality software.

Wayne State College   October 2019 – August 2021

IT Helpdesk Technician   Wayne, NE

- Troubleshot PC, printer, and network issues, imaging computers and other devices.
- Installed security cameras, projectors, speakers, and computers in classrooms.
- Imaged more than 100 computers to the schools before they were released to users.
- Recycled more than 1000 computers, printers, and monitors.

Projects

Wildcat Wheels mobile application

- Created a ride service mobile application for the ride service of Wayne State college.
- Used Dart language and Flutter development toolkit to code this app for Android and IOS using a single codebase.

ECX mobile application

- Developed a mobile application for Ethiopian Commodity Exchange.
- ECX shows daily updated prices of over 50 agricultural commodities in the Ethiopian Commodity Exchange.
- https://play.google.com/store/apps/details?id=www.ecx.ecx2

Education

Wayne State College, Wayne, NE

Major: Bachelor of Science in CIS Programmer/Analyst

Minor: Business Administration

GPA: 3.60

Relevant coursework: C++ programming, Mobile application development, Advanced database development, Software engineering, Project management, Computer graphics, Operating systems, Enterprise computing, Python programming, Java programming, Website development

Awards And Certifications

Dean's List: Fall 2018, Fall 2019, Spring 2020, Spring 2021, Fall 2021, **Google Conference Scholarship**: ICLR 2021,

LinkedIn Certification: Data Structures and Algorithms, Learning SQL, Programming Foundations: APIs and Web Services, and React.js Essentials.

Technical Skills: Cypress, Robot Framework, UiPath, SQL, Selenium, Playwright, Puppeteer, Cucumber, Java, C#, Python, HTML, CSS, JavaScript, .NET, Dart(Flutter), Postman

Workflow Skills: VS Code, Git, Docker container, Azure DevOps, ServiceNow, Hasura, Agile development, Intellij, Android Studio

Leadership and Activities

Resident Assistant(Fall 2020 – Fall 2021), Treasurer of ACM chapter of WSC (Fall 2019), Leader of ACM chapter of WSC web design and social media committee(Spring 2020), Member of Upsilon Pi Epsilon (UPE) honor society, Member of International club