

KIDUS SENDEKE

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EDUCATION

Information School, University of Washington - Seattle, WA
Bachelor of Science: Informatics

2019

SKILLS

- Web-based Software Engineering
- Core and Advance Data Science Methods
- Test and processes automation, Agile methodology
- Algorithms & Data Structures
- Code Reviews, Troubleshooting, Solutions Deployment
- GitHub, Docker, Selenium
- Python, R, Java, Go-lang, Node
- React, Angular, AWS, Azure
- CSS, HTML, JavaScript, TypeScript
- MSSQL, MySQL, MongoDB

WORK HISTORY

Software Engineer | Visa Inc - Austin, Texas

09/2019 - Current

- Built test automation for internal applications using Python and Selenium.
- Develop utility script using go-lang to solve file conversion from mainframe EBCDIC files to ASCII & reduced conversion time by 50%.
- Write python classes for dynamically generating input transaction & report files as well as SQL formatted expected output CSV files for 100% accurate persistence testing.
- Conducted regression & volume testing, created solutions & submitted feedback to development and business team by end of every sprint.
- Walked clients & teammates through troubleshooting steps to resolve common software issues.
- Wrote subject-matter expert documentation of two internal application's environment setup, test data creating & validation methods to promote education & training of new employees.

Teaching Assistant | Trilogy Education Services - Austin, TX

04/2020 - Current

- Supervised and helped 35 students studying data visualization course with fundamental programming concepts, data analytics, and software development best practices.
- Lead students into debugging difficult problems involving software and hardware installation & configuration.
- Held hour long office-hour sessions over Zoom 3 times per week to discuss homework & class activity problems.
- Supported student learning objectives through personalized 1 to 1 and small breakout groups of 4 settings.
- Attended 3 hour lectures and answered students questions simultaneously.

Software Engineering Intern | Visa Inc - Austin, Texas

06/2018 - 09/2018

- Developed internal Jira like web app using Angular (TypeScript) to track & size projects & applications.
- Created dynamic tables with filter, sort and search functionalities. Developed dynamic forms for accepting application & project details including user information.
- Created dashboard with D3.js and Charts.js to visualize progress on projects & applications.
- Mocked backend services and created database schemas with mangoDB
- Extensively documented code and architecture of application for on-boarding purposes.

AFFILIATIONS

Informatics Undergraduate Association (IUGA) UW 2018 - 2019

National Society of Black Engineers (NSBE) UW 2014 - 2019

ADDITIONAL INFORMATION

Washington State Opportunity Scholarship recipient 2015, 2016, 2017, 2018 & 2019

Dean's List, University of Washington Jun 2019, Mar 2019, Dec 2017, Mar 2017