

ROBEL GEBREMICHAEL

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EXPERIENCE

SALESFORCE / TABLEAU SOFTWARE

Software Engineering Intern | *June-Sept 2021, June-Sept 2022*

- Incorporated an ML algorithm to provide dataset groupings for >1M Tableau Dashboard users
- Fixed bugs in the Tableau CRM platform and SAQL editor
- Contributed to text and column resizing standards and designs
- Modeled and reorganized database architecture for auto save and recovery in Tableau's dashboard

MICROSOFT CORPORATION

Software Engineering Intern | *June 2017 - September 2017*

- Learned how to code in HTML, CSS, and ReactJS in Microsoft VS
- Collaborated with two other interns to create a website using Microsoft's Web Framework

PROJECTS

ONG SENSEI

UI Designer/Developer | *January 2024*

- Created a prototype online calculator for oil and gas engineers with their most commonly used formulas
- Developed the website's UI with Next.JS and Tailwind CSS
- Implemented account registration and authentication via AWS Cognito

CHATTER

UI Designer/Developer | *January 2021 - February 2021*

- Developed an online chat room web application developed in React with the database storage powered by Firebase
- Included basic messaging functions with screen names

LYRIC FINDER

UI Designer/Developer | *December 2020*

- Web app that finds key info about about songs in video files
- Developed using Python and Flask with the video being audio fingerprinted through the AudD API

PROGRAMS / LEADERSHIP

NATIONAL SOCIETY OF BLACK ENGINEERS (NSBE)

Secretary, UW Chapter | *April 2020 - June 2021*

- Kept accounts of meetings and membership
- Modeled membership and attendance data to gauge student interest in company partnership

EDUCATION

UNIVERSITY OF WASHINGTON

BS Human Centered Design & Engineering (HDCE)

GRADUATION *JUNE '23*

SKILLS

Proficient

- Java
- Python
- React/NextJS
- HTML5+CSS3
- Tailwind CSS
- Figma
- Git/GitHub

Basic

- Firebase
- SQL
- AWS
- JavaScript
- Flask
- DevOps

AWARDS

- UW CoE Dean's Scholarship
- UW NASA SGC Scholarship
- WSO Scholarship

RELEVANT COURSES

- Object-Oriented Program. I/II
- Data Structures & Algorithms
- Web Technologies
- Interactive System Design & Technology
- Physical Computing
- Database Systems

