

# 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
- Fixed bugs in the Tableau CRM platform and SAQL editor
- Contributed to text and column resizing standards in TCRM
- Modelled and reorganized database architecture for auto save and recovery in Tableau's dashboard

### MICROSOFT CORPORATION

Software Engineering Intern | *June 2017 - September 2017*

- Worked on a team of three interns to create an updated version of the Home Use Program (HUP) website
- Learned how to code and implement HTML, JavaScript, and ReactJS in Microsoft Visual Studio
- Collaborated with two other interns to create a website from scratch using Microsoft's Web Framework

## PROJECTS

### CHATTER

Designer/Developer | *January 2021 - February 2021*

- Developed an online chat room web application coded in React with the database powered by Firebase
- Included basic messaging functions with screennames

### LYRIC FINDER

Designer/Developer | *December 2020*

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

## PROGRAMS / LEADERSHIP

### MANAGEMENT LEADERSHIP FOR TOMORROW (MLT)

Career Prep Fellow | *January 2021 - June 2023*

- Selected for an 18-month professional development program for high-achieving diverse talent
- Participating in seminars focused on developing communication skills and career advancement

### 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
- TailwindCSS
- DevOps
- Figma
- Git/GitHub

### Basic

- Firebase
- SQL
- AWS (CCP)
- Javascript
- Flask

## 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

