

# RAFEL TSIGE

🌐 <https://github.com/yohikonjo> 📧 harrypotter.me ✉ rafel.tsige@gmail.com

📍 505 East Lamar Blvd Apt 285, Arlington, TX 76011 📞 (469)-412-4898

## EDUCATION

---

**University of Texas at Arlington,**  
*Bachelors of Computer Science*

*Arlington, TX*  
*December 2022*

## TECHNICAL SKILLS

---

<b>Programming Languages:</b>	C,C++,JAVA,XML,SQL,PYTHON
<b>Frameworks and Software:</b>	Android Studios, Firebase, MySQL, HTML5/CSS/Javascript, Git
<b>Operating Systems:</b>	Windows, Linux, MacOS
<b>development Technologies:</b>	Agile, Waterfall

## PROJECTS

---

### Office Hour Simulator

- Multi-threading project that simulates a professor's office hours.
- Lets all be unique together until we realise we are all the same.

### Health App

- Android application that helps users keep track of their hear rates, ecg, pulse rate and etc.
- Implemented on android studio using Java, XML, and Firebase.

### File System

- A user space portable indexed file system similar to the UNIX file systems(ufs).
- Allows file manipulation and directory mobility like ufs as well as executing common commands.

### Heap Management

- A program that manipulates memory using the 4 memory management schemes along with custom memory function implementations
- Implements a library that interacts with the operating system to perform heap management on behalf of a user process.

## WORK EXPERIENCE

---

### Techno Motors

*Software Engineering Intern*

*June 2021 - August 2021*

*Addis Ababa, Ethiopia*

- Helped in the development and maintenance of the company's inventory management system.
- Used Java to implement logic and changes into the software's back-end.

## VOLUNTEER EXPERIENCE

---

### Yeka Terara Elementary School

*Volunteer/Teacher*

*June 2020 - August 2020*

*Addis Ababa, Ethiopia*

- Created study plans and guides to help students develop a basic understanding of English including reading, writing, listening, and speaking as well as basic Math including addition, subtraction, multiplication, and division.
- Worked with other volunteers and teachers to organize and distribute donations for around 200 children
- Taught children basic Math and English - Assisted in book drives, clothing drives and other donation events for the school