

# Yonatan Demissie

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## EDUCATION

**Texas Tech University**, Lubbock, Texas

Expected Graduation: May 2024

*Bachelor of Science in Computer Science*

Minor in Mathematics

## RELEVANT COURSEWORK

- Data Structures in C
- Object Oriented Programming
- Design and Analysis of Algorithms
- Concepts of Programming Languages

## EXPERIENCE

### Weather App

*Personal Project*

- Developed a web application using JavaScript, HTML, CSS, and the OpenWeatherMap API to provide real-time weather forecasts, including temperature, humidity, and wind speed, for user-specified locations.

### Personal Website

*Personal Project*

- Designed and developed a responsive portfolio website to showcase programming projects, skills, and achievements. Built using HTML, CSS, JavaScript, and deployed on GitHub Pages.

**Texas Tech University**, Lubbock, Texas

*Student*

August 2021-Present

- Proficient in various data structures, including arrays, strings, structs, unions, linked lists, stacks, queues, graphs, trees, binary trees, and heaps.
- Completed multiple mini projects using Python, C, Java, Object Oriented Programming, Prolog, and Verilog.

**Calculator Software**, Lubbock, Texas

- Collaborated in a team to develop a calculator that performs basic arithmetic operations using Object-Oriented Programming (OOP) in Java.

**Home Depot**, Austin, Texas

*MET*

May 2023-August2023

- Ensured accurate product placement based on planograms.
- Successfully completed various weekly team projects.

## INVOLVEMENT

Organizations

- First-generation student – Member.
- National Society of Black Engineers (NSBE) – Member.
- Co-founder of Sela Initiative, a nonprofit organization.

Church Band

- Lead Vocalist, Electric/Acoustic Guitar Player, Back up Piano Player, Composer.

## SKILLS

- Technical Skills
- Programming languages: C, Java, Python, basic Prolog, basic Verilog, basic Bash, HTML, CSS, basic JavaScript, and Object-Oriented Programming.
- Proficient in Microsoft Office Applications.
- Bilingual - Fluent in Amharic.
- Strong leadership and organizational skills.