

SESEN YONAS

Computer Science Student

📍 Seattle, Washington

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🐙 <https://github.com/Sesen8>

TECHNICAL EXPERIENCE

Parser Program 📅 Sep. 2023-Oct. 2023

Class Project - Seattle Pacific University 📍 Seattle, Washington

- Developed a lexical analyzer to tokenize input source code, breaking it down into a stream of meaningful tokens (24).
- Implemented a rough draft syntax analyzer to parse the tokenized input, ensuring adherence to the defined grammar rules.
- Dedicated time to learned Rust for this project.

Full Stack Application 📅 Jan. 2023-Mar. 2023

Class Project - Seattle Pacific University 📍 Seattle, Washington

- Developed a user-friendly React Native app for seamless water intake tracking.
- Features record management using Mongo DB and SQLite.
- Leading the team in terms of software development as a lead developer/project manager

Menu Library Projects 📅 Mar. 2022-June. 2022

Class Project - Seattle Pacific University 📍 Seattle, Washington

- Developed a modular C++ menu library using linked lists and inheritance.
- Implemented an intuitive interface with menu options for common operations.
- Extended the library to seamlessly handle file operations.

Web Developer Intern 📅 Jun. 2019-Aug 2019

Girls Who Code at Ernest and Young 📍 Seattle, Washington

- Learned Python, HTML, and CSS to create prototypes of 3 websites as well as AI learning programs.
- Led a number of 4-person teams for the projects we created.
- Networked and collaborated on 4 front-end projects alongside engineers at Microsoft, Google, and Ernst and Young.

MEMBERSHIP

(SWE) Society of Women Engineers 📅 Aug. 2023-Present

(RTC) Member of Rewriting the Code 📅 Dec. 2021-Present

(NSBE) National Society of Black Engineers 📅 Nov. 2021-Present

SKILLS

Web Development

Data Structures

CAD Design

Mobile Development

HTML

CSS

JavaScript

Python

Rust

C++

Scheme

LaTeX

React Native

Visual Studio

EDUCATION

Seattle Pacific University

**Bachelor of Science in Computer Science
Minor in Data Analytics**

📅 Sept. 2021 – June 2025 📍 Seattle Pacific University

- Dean's List : 2021, 2022
- GPA: 3.56
- Faith of The Future Merit Scholarship
- Clubs: National Society of Black Engineers, Women in Computer Science and Engineering, African Student Association

Relevant Coursework

- Data Structures
- Application Programming
- Neccentric Computing
- Concepts in Programming

LEADERSHIP

Secretary

National Society of Black Engineers at SPU

- Seattle, Washington Sept. 2023-Present
- Maintain organized records and facilitate communication for NSBE operations.Improve internal communication and member engagement through efficient coordination and updates.

Youth Instructor

Medhane Alem Eritrean Orthodox Church

- Seattle, Washington Oct. 2016-Present
- Guided and mentored 25+ youth in 2 different age groups through Sunday school, choir, and Bible study. Co-created engaging weekly curriculum, improving youth attentiveness by 20

Vice President

African Student Association at SPU

- Seattle, Washington Jun. 2022-Sept. 2023
- Co-organized 15+ events, enhancing African Student Association's impact to its members. Fostered unity among 40+ members, promoting cultural appreciation on campus.