

## Warsay Teklebrhan Asresehey

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[GitHub profile](#)

[LinkedIn profile](#)

[E-portfolio](#)

### SUMMARY

Ambitious, versatile, hard-working, technically proficient, computer literate, self-motivated, and Cisco Certified IT Networking and Security professional Information Technology student currently completing Bachelor of Science in Information Technology. I'm proficient in software development that involves object-oriented programming, full-stack web development, java programming, cybersecurity, and cisco networking. Being a passion-driven person, I always keep teaching myself new and trending technologies in hopes to utilize them in my future career.

### PROFESSIONAL SKILLS

**Programming Languages:** Java, C, Python, Vanilla JavaScript, CSS, HTML, React, Nodejs, ExpressJS, TypeScript

**Databases:** MySQL, MongoDB

**Tools:** Atom, IntelliJ, PyCharm, RStudio, Visual Studio Code, UML XAMPP, UML, Microsoft Office Suite, Microsoft Project, Adobe Creative Suite

**Platforms:** Windows 7/8/10, UNIX, Linux, Ubuntu, Arduino uno

**Networks:** Network Administration Foundations, Security foundation

**Others:** Calculus, Linear Algebra, AI and Machine Learning, Ethical Hacking, System Analysis and Design, Probability and Statics, Data Analytics

### PROFESSIONAL EXPERIENCE

#### Liya Enterprise, 2021 - Present

**Address:** Abu Dhabi, UAE

**Position:** Software Developer, Part-time, Freelance

#### Key Qualities and Responsibilities

- Implement websites and landing pages from concept through deployment
- Design mockups and wireframes.

- Maintain, update, and improve existing company websites.
- Assessed UX and UI designs for technical feasibility
- Standardized all output with a new, responsive, mobile-first approach and strategy

#### **Technology and Tools Involved:**

- **Programming and Markup Languages:** JavaScript, HTML, CSS, python, Java, C
- **Frameworks:** React.js, Express.js, Node.js, Bootstrap, material UI, Flask,
- **IDEs:** PyCharm, IntelliJ Idea
- **UI:** Figma, webflow, Sketch
- **Tools and Platforms:** Visual Studio code, Chrome developer tools, windows 10, macOS
- **Version control system:** Git and GitHub

## **42 Abu-Dhabi, July 2022 – Present**

**Address:** Abu Dhabi, UAE

**Position:** C programmer (Pisciner)

**Project name:** Intensive C language bootcamp

**Result:** Passed

**Project Description:** The 42 piscine is a worldwide known coding bootcamp that believes in free education. As part of the main campus, the 42 Abu Dhabi is located at the Mena Abu Dhabi and is becoming the favorite place to learn C language coding in the UAE. The aim of this project is to provide quality education for free. The method of learning is a peer-to-peer, where students are exposed to various coding problems and solve them while maintaining a peer-to-peer interaction. As part of the curriculum, students are expected to make over 50 peer reviews.

**Project Duration:** 25 days

**Programming Duration:** over 12 hours of coding per day including weekends.

#### **Key Qualifications and Responsibilities**

- intensive C (programming language) Bootcamp
- 7 days a week of hands-on project-based modules
- 60+ peer code review sessions to understand different approaches and give/receive feedback.
- Coursework: Data Structures and Algorithms in C, basic of Shell Scripting and Git Version Control.

### **Key Achievements**

- Passed a 4-week intensive bootcamp piscine
- Joined 42 Abu Dhabi for a 2-year core program

### **Technology and Tools Involved:**

- **Programming and Markup Languages:** C
- **Frameworks:** React.js, Express.js, Node.js, Bootstrap
- **Tools and Platforms:** Visual Studio code, Chrome developer tools, windows 10, macOS, Git and GitHub

## **Zayed University, September 2022 – December 2022**

**Address:** Abu Dhabi, UAE

**Position:** ONCE, Math Tutor, Part-time, paid

### **Key Qualities and Responsibilities:**

- Assist ZU students understand Math and OOP topics
- Organize an opportunity for ZU students learn from fellow math tutors
- Co-organizer at Math café, ZU

### **Key Achievement:**

- Taught 10+ student on complex subjects
- Boosted my communication skills

## **Zayed University, August 2022 – October 2022**

**Address:** Abu Dhabi, UAE

**Position:** Associate Software Engineer, Part-time, Internship

**Demo:** <https://css-updates-website.vercel.app/>

**Project Description:** Renovating the website for Center for Student Success (CSS) that serves numerous services related to academic advising and risk control such as booking advising and tutoring appointments. Source Code can be found on GitHub account.

**Project Duration:** 7 weeks

**Programming Duration:** 8 hours per day

### **Key Qualities and Responsibilities**

- Develop a front-end demo
- Review the website of Center for Student Success

- Explore other home pages for local and international universities
- Gather self-report feedback from students, faculty, and staff to ascertain what kinds of services, activities, skills, etc. are needed for promote student success.
- Offer suggestions for improvement to CSS site.

#### **Key Achievements:**

- Developed a responsive prototype using React for front end development

#### **Technology and Tools Involved:**

- **Programming and Markup Languages:** JavaScript, HTML, CSS
- **Frameworks:** React.js, Express.js, Node.js, Bootstrap
- **Tools and Platforms:** Visual Studio code, Chrome developer tools, windows 10, macOS

### **Project name: Interior Car Washing System**

**Project Duration:** November 2021 - December 2021

**Position:** System developer

**Project Description:** The aim was to develop a user-friendly, flexible, and scalable car washing system that is easy to use and maintain. It was a university curriculum-based project. It was object-oriented programming project and we used python tinkler to develop the GUI. The system allows the user to order the type of car washing they want and makes the payment online. It was an intensive project and demanded at least 4 hours per day on the weekdays to complete it on time.

#### **Key Qualities and Responsibilities**

- Brainstorming
- Design and develop a class diagram
- Programming
- Testing and debugging

#### **Technologies used:**

- **Programming language:** Python
- **Programming tools:** windows 10, PyCharm, UML

### **IT CERTIFICATIONS** (Link attached to each certificate)

- [Java Programming Masterclass covering Java 11 & Java 17](#)
- [Java 11+ Essential Training](#)

- [Learning Java](#)
- [The Complete 2022 Web development Bootcamp](#)
- [Introduction to Artificial Intelligence](#)
- [CCNA: Switching, Routing, and Wireless Essentials](#)
- [CCNA: Introduction to Networks](#)

## EDUCATION

- **BS in Information Technology (Networking and Security)**, Zayed University, Abu Dhabi, UAE, 01/2019 - 12/2022 CGPA is 3.78
- **Computer Engineering, Education Eritrean Institute of Technology**, Mai-Nefhi, Eritrea, 09/2017 – 07/2018 CGPA is 3.2

## HONORS

- [Awarded dean's list certificates for 7 semesters](#)
  - 08/2019 – 09/2022
- Merit-based fully funded Scholarship to Zayed University
  - 01/2019 by Ministry of Education, UAE