**ELROY MBABAZI**

Tacoma, WA 98406

253.678.7959

embabazi@uw.edu

[www.linkedin.com/elroymbabazi](https://www.linkedin.com/public-profile/settings?lipi=urn%3Ali%3Apage%3Ad_flagship3_profile_self_edit_contact-info%3BcAliKedMQdysm7fwquzLTQ%3D%3D)

**PROFILE STATEMENT**

*I am a motivated computer science student with strong analytical skills, a passion for problem-solving, and a solid foundation in programming languages such as Java, python and C++, algorithms, and data structures. Committed to staying up to date with the latest technologies and delivering high-quality work.*

**EDUCATION**

* ***Bachelor of Science in Computer Science and systems***  *Anticipated Graduation: June 2025*

***University of Washington, Tacoma*** *Tacoma, WA*

* ***Associate of Science in Computer Engineering*** *Graduated: June 2022*

***Tacoma Community College*** *Tacoma, WA*

**PROJECTS**

**Chat Application**

* *Built a chat application where users can create an account, log in, and chat with other users. This project would require skills in Java, network programming, and GUI development.*
* *User profiles: Allow users to create profiles and add information about themselves, such as their interests, hobbies, and social media handles.*
* *Utilized: Java*

**Dungeon Game**

* *The Game allows the user to create a profile for which game to save the game which they are playing.*
* *players take on the role of a character, often a hero or adventurer, who must navigate through a maze-like dungeon, solving puzzles and defeating enemies along the way.*
* *The game was presented in a 2D format, and the player's character moved around the environment using a variety of controls, such as arrow keys and W-For moving forward, D- moving to the right, S- moving backward and A- moving to the left.*
* *Utilized: Java*

**Spreadsheet Application**

* *The application allows users to create a spreadsheet to interact with data entry, formatting, and calculations.*
* *The application utilized a 2D array, linked lists, Stacks, and an Expression tree. All these data structures are used to apply the functionality of different operations.*
* *I worked on this with a group, and this allowed me to communicate, explore the different aptitudes of my groupmates and exploited them to create the application.*
* *Utilized: Java*

**EMPLOYMENT**

* **ASTCC (Associated Students of Tacoma Community) Vice President of Finance**
* *I worked on the different student budgets used to fund student club activities and different on-campus activities that enhanced the student experience.*
* *This was done through several meetings, which I chaired, and the deliberations were sent to the student senate.*
* **ASTCC Vice President of Legislation**
* *I chaired the senate meetings and represented students and concerns that were presented to the senate to the College leadership team.*
* **Member of a Programming Club at University of Washington Tacoma**
* *I work with a team of students on projects that will be decided for the quarter, and this helps with practicing coding skills as well as teamwork.*