

# Kyle Downing

kyleshinya@gmail.com

Cell: 425-698-3422

LinkedIn: <https://www.linkedin.com/in/kyledowning/>

## OBJECTIVE

---

Gain a technical internship or entry level position; contribute as a member of a mid scale team.

## EDUCATION

---

**B.S., Computer Science, Western Washington University**

*GPA 3.7*

Bellingham, WA

*Sept. 2023 – Dec 2025*

**A.A.S., Arts and Sciences, Bellevue College**

*GPA: 3.5*

Bellevue WA

*Sept. 2021 - Jun. 2023*

## EXPERIENCE

---

**Western Washington University, Computer Science Department**

*Computer Science Tutor*

Sept. 2024 – Present

*Western Washington University*

- Tutored students in foundational computer science classes focused on data structures, algorithms, systems, including languages such as **Java** and **C**.
- Debug and provide feedback on students code, helping to identify errors or improve coding technique.
- Guided students to solving complex computer science problems by using my knowledge and expertise in technical concepts.
- Contributed to fostering an inclusive learning environment within the tutoring center.

**Reload! Arena Style Third Person Shooter Game**

*Team Member*

Sept. 2024 - Dec. 2024

*Western Washington University*

- Collaborated in a team of four to design and develop a fully-functional third-person shooter game using **Unity** and **C#**.
- Designed and developed UI elements, including start and pause menus and level transitions.
- Coordinated with the team using strong communications to develop the game over an extended period of time.

**MicroShell**

*Developer*

Oct. 2024 – Present

*Western Washington University*

- Implemented a shell emulator in **C** to handle common linux shell functions such as ls, cd, cp.
- Utilized fork() and exec() to create child processes to handle non-built in commands.
- Incorporated error feedback that took misspelled commands and matched them with potential intended commands using a prefix-matching implemented with a trie.

**AS Student Government Webscraper App**

*Team Member*

Jan. 2025 – Present

*Western Washington University*

- Currently working in a team of four to develop a web scraping application to scrape student government positions off the web for a student government manager.
- Using **Python** libraries BeautifulSoup and Requests to retrieve necessary information off the web.
- Communicated technical concepts in a non-technical format to the client, ensuring their needs are reasonable and complete.

## SKILLS

---

- Programming Languages: C, Java, Python
- Web Development: HTML, CSS
- Databases: MySQL
- Game Development: Unity, C
- Version Control: Git
- Software Engineering: