Andrew Rios

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GitHub: http://github.com/andrwwrios Portfolio: https://andrwwrios.github.io/

Education

University Of Washington (3.97 Unweighted)   **Seattle, WA**
B. S. Computer Science   September 2023 – Present **(**December 2026 Expected)

- 2nd year direct admit to the Paul G. Allen School of Computer Science & Engineering
- Courses – Software Design & Implementation, Foundations of Computing

Highline Community College (3.88 Unweighted)   **Des Moines, WA**
A.A. General Studies   September 2021 - June 2023

- Courses - Java Series, Python, Calc Series, Linear Algebra, Mechanics, Electricity & Magnetism

Experiences & Projects

Java Programming   **University of Washington - Seattle**
Student   May 2024

- After learning how to construct Huffman code we were tasked to create decompression algorithm
- This algorithm reads in a .code file in standard format and writes it out in a .new file
- In this program I defined data structures to represent compound and complex data (i.e. binary trees)

Python Programming   **Personal Project - December 2023**

- Used a Reddit API and weather API from openweathermap.org
- Created a Reddit bot that gathers future weather information from Snoqualmie WA to inform Reddit users when to purchase ski tickets

Web Development   **Personal Project - November 2023**

- Using a combination of HTML, CSS, and JavaScript I took over a website template and modified the code accordingly to my preference
- Displays my education, personal information if you wish to know more about me, and my work in programming

Activities & Involvement

Brotherhood Initiative   **University of Washington - Seattle**
Mentor   May 2024 - Present

- Mentor 3-4 first year students, providing personalized support, academic resources, and fostering sense of belonging
- Participated in a yearlong seminar course, developing leadership and peer advising skills
- Collaborated with lead supervisors to organize and participate in monthly community events promoting engagement and retention

Mount Rainier Pool   **Des Moines, WA**
Head Lifeguard   April 2022 - Present

- Responsible for 35 staff in a high-pressure environment.
- Conducted monthly staff trainings to ensure safety, team bonding and skills.
- Trained new hires as lifeguards and swim instructors to be effective public servants.

Skills

- Bilingual (English and Spanish)
- Programming
  - Java, Python, HTML, CSS, JavaScript