

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 (January 2026 Expected)

- 1st year direct admit to the Paul G. Allen School of Computer Science & Engineering
- Courses – Java Series, Python

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
- Reads in a .code file in standard format and writes it out in a .new file
- In this program I define complex data structures compound and complex data

Python Programming

Personal Project - December 2023

- Using a reddit API and weather API from openweathermap.org created
- Reddit bot 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