RILEY ANDERSON

Puyallup, Washington — Tempe, Arizona

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⬛ github.com/rileyandrsn.github.io

Education

Arizona State University — **Aug. 2024 – May 2027**
Bachelors of Science in Computer Science — *Tempe, AZ*

- Dean's List (Spring 2025)
- Member of Theta Xi Fraternity – Delta Alpha Chapter

Pierce College — **Sept. 2022 – Jun. 2024**
Associate of Arts – Dual Enrollment — *Puyallup, WA*

- 3.96 GPA
- 5x Chancellor's List (4.0 GPA)

Relevant Coursework

- Computer Science I
- Computer Science II
- Intro to Engineering
- Programming Languages
- Logic in Computer Science
- Digital Design Fundamentals
- Data Structures and Algorithms
- Software Engineering
- Computer Architecture & Assembly

Experience

Meridian Cafe — **Feb. 2024 – Aug. 2024**
Dishwasher — *Puyallup, WA*

- Engaged in efficient teamwork during peak hours.
- Worked with kitchen staff to improve workflow.
- Handled opening prep duties for dish-washing area.

Ram Restaurant & Brewery — **Dec. 2022 – Nov. 2023**
Dishwasher — *Puyallup, WA*

- Maintained kitchen sanitation in fast-paced setting.
- Supported food prep during busy hours.
- Operated industrial dish systems per Tacoma-Pierce County health codes.

Projects

Python Port Scanner | Python — **May 2025**

- Developed a Python-based TCP scanner to identify open/closed ports on a target address.
- Used socket and sys libraries for network interaction.
- Utilized multi-threading to efficiently scan a range of ports.
- Developed a graphical user interface for users to enter a target address and range of ports.

LEGO Semi Autonomous Robot | MATLAB — **Nov. 2024**

- Engineered a LEGO EV3 robot using MATLAB to autonomously navigate a maze using ultrasonic and touch sensors.
- Programmed sensor logic to detect walls, align the robot, and interact with colored zones via an integrated color sensor.
- Optimized build design and sensor placement, increasing maze navigation accuracy by 62% over the initial prototype.

Technical Skills

Languages: Java, C++, C, Python, MATLAB
Developer Tools: VS Code, Eclipse, IntelliJ, PyCharm, Git, Postman
Technologies/Frameworks: Linux, Spring Boot, GitHub, JUnit, MongoDB, SQL

Certifications

Google Cybersecurity Professional Certificate — **July 2025**