Ryson W. Wong

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Education

Oregon State University | Corvallis, OR   *June 2021 – Present*
Bachelor of Engineering in Computer Science, GPA 3.82   Expected Graduation, May 2024

Community College of the Air Force | Maxwell AFB, Alabama   *July 2019 – Present*
Associates in Electronic Systems Technology, GPA 4.00   Expected Graduation, July 2022

Work Experience

Corsair Ranch | Tucson, Arizona   *May 2022 - June 2022*
Software Development Intern / Georgia Tech Research Institution
- Created full-stack website using React, Node.js, and Java Bootstrap for AFWERX WebTec Event
- Fixed bugs and added new features to Corsair Ranch's official website
- Participated in multiple sprints and scrum meetings where I pres
- Created short-term solutions using Microsoft's Power Apps which was utilized by over 100's of end-users

Major League Hacking Fellowship with Meta | Remote   *May 2022 - Present*
Fellow / Production Engineering
- Worked with Linux Systems, Flask, Docker, GitHub Actions, cAdvisor, and other technologies to keep services and applications running and highly available.
- Programmed, designed, and deployed a sleek and professional portfolio template for users to utilize
- Created a Docker containerized web application secured with SSL to run robustly and continuously using CI/CD tools in a CentOS AWS instance able to handle up to 100 requests per second.

Hawaii Air National Guard | Kekaha, Hawaii   *March 2018 - Present*
Senior Airman / Radio Frequency Operations Technician
- Staged HF/VHF/SHF/UHF radios and various networking technologies to transfer local/remote data and voice
- Led and trained multiple personnel on fundamental radio theory and troubleshooting principles
- Deployed several satellite communication kits to provide commercial internet for over 40 personnel
- Monitored critical LAN and WAN connections (e.g., T1, Ethernet, Radio) using a 3rd party software.

Projects

Flashcard Application (Android, Java) [https://github.com/rysonw/flashcard_application]
CodePath
- Developed a flashcard application in Java to solidify mobile application development processes and practices
- Utilized application for military purposes, mainly to optimize training plans by reaffirming networking concepts

PyGame Card Game (Python) [https://github.com/rysonw/Ryson-Card-Collection-and-More]
Personal Project
- Utilized the module "PyGame" to create a collection of card games with an emphasis on OOP concepts
- Created artistic and unique pixel art to enhance and improve player experience
- Composed chippy-tune and 8-bt music to create a complete gaming experience

Leadership or Activities

CodePath Mobile Application Developer | Remote   *Feb 2022 – April 2022*
Fellow / Participant
- Collaborated with various young professionals to discuss and further application development practices
- Presented impactful application ideas and frameworks to a panel of over 10 experienced software engineers.
- Catalyzed a flashcard application that was used by ten military personnel for job training purposes

Skills

Languages (Proficient): Python, JavaScript, HTML, CSS
Languages (Learning): Java, C++, Kotlin
Certifications: CompTIA Network+, CompTIA Security+, ITS-305: Software Development
Software: Android Studio, Git, Visual Studio Code, Microsoft Power Apps