Ash Rauch

Vienna, VA, 22181 | linkedin.com/in/ashrauch

EDUCATION

James Madison University (JMU), Harrisonburg, VA — Aug 21 - May 26
Bachelor of Science in **Computer Science**
Minor in **Music Industry**
Major GPA: **3.143**

SKILLS AND CERTIFICATIONS

Python, C, Java, HTML, Scrum, Eclipse, IntelliJ

PROJECTS

UnitED Unit Conversion Calculator (Java/Eclipse), JMU — Mar 24 - May 24
- Built a working calculator application from scratch as a part of a team
- Responsible for parts of the GUI and executable for the program.

Origins+, Minecraft Mod Addon (Java/IntelliJ), Personal Project — Aug 21 - Dec 21
- Developed Origins+, a datapack expansion for the popular Minecraft mod, Origins.
- Enhanced gameplay by adding new player abilities and transformations upon defeating the final boss.
- Used Java, IntelliJ, and file I/O, showcasing my skills in modding and customizing existing game frameworks.

RELEVANT COURSEWORK

Computer Systems (C), JMU (Currently In Progress) — Aug 24 – Present
- Will have extensive knowledge in computer architecture and gain a sense of power and control over computer systems.

Software Engineering (Java/Eclipse), JMU — Jan 24 – May 24
- Built a program from initial abstractions to a finalized project.
- GUI construction and process models were particularly interesting.

Algorithms and Data Structures (Java/Python), JMU — Jan 24 – May 24
- Managed very large sets of data, using algorithm notation, advanced datasets, and sorting functions.

CAMPUS INVOLVEMENT/VOLUNTEERING

Member, **Cyber Defense Club**, Harrisonburg, VA — Aug 24 - Present
- JMU CDC hosts a variety of events that explore topics and competitions related to Cyber Security.

Member, **Outdoor Adventure Club**, Harrisonburg, VA — Aug 23 - Present
- I am an active member of OAC, which hosts lots of hikes and other outdoor activities frequently.

Event Coordinator, **PlayMU**, Harrisonburg, VA — Aug 22 - May 23
- I was the event coordinator for JMU's gaming club, hosting a charity-driven live streaming event known as ExtraLife, planning meetings, and other executive duties.

OTHER EXPERIENCE

Delivery Assistant, Let's Bouncz Inflatables, Harrisonburg, Virginia — Apr 24 - Present
Lifeguard, Oak Marr Rec Center, Oakton, Virginia — Jun 23 - Aug 23
Barista, Kung Fu Tea, Harrisonburg, Virginia — Sep 22 - May 23
Barista, Starbucks Coffee Co, Vienna, Virginia — May 19 - Aug 21
Eagle Scout, Scouts BSA, Vienna, Virginia — Feb 20