



Jacob J.H. Cowan

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SUMMARY

A game design hobbyist since I was 9 years old, I have long pursued any odd skills I can learn. The synthesis of such ideas has given me great skill in seeing the big picture and sharing information with others. This has culminated in my current position in education. My passion, however, forever lies in game development.

WORKPLACE SKILLS

- | | |
|-----------------------------|--------------------------------|
| · Fast & Flexible Learner | · Dedicated to Service |
| · Patient Teacher | · Confident Communicator |
| · Positive Collaborator | · Analytical and Critical Mind |
| · Passionate and Determined | · Eye for Detail |

TECHNICAL SKILLS

- | | | |
|--------------|--------------|-----------------|
| · C++ | · SQL | · Unreal Engine |
| · Java | · Git | · Unity |
| · C# | · MERN Stack | · OpenGL |
| · JavaScript | · AGILE | · Blender |

EDUCATION

University of Washington Code Boot Camp Sept – Dec 2020

- Certified Full Stack Web Developer
- Project Manager, Git Administrator, and Design Lead on 3 student projects

Auburn Riverside Senior High School Sept 2012 – June 2016

- Volunteer tutor and assistant in Computer Science classes
- Electrical and Programming Lead in [FIRST® Robotics Competition](#) team

WORK EXPERIENCE

Mt. Baker Middle School

Sept 2021 – Present

- Paraeducator in ELL (English Language Learners) and Math classes
- Coordinate with teachers to form plans for struggling students
- Explain tough concepts in new ways that make sense to students
- Build rapport with students across language and cultural barriers
- Mentor robotics students in programming, design, and project management
- COVID Rapid Test Administrator, streamlining the process of testing hundreds of students per week to become district-leading school

Bulldog Carpet Installations

June 2019 – May 2020

- Flooring Installer working in commercial and residential settings
- Coordinate with other contractors to reach deadlines
- Learn new skills and tools in a rapidly changing environment

Auburn Skate

January 2017 – August 2018

- Floor Guard ensuring customer satisfaction and safety
- Skate maintenance and positive public interaction
- Build team morale and back up coworkers who need help

AWARDS AND ACHIEVEMENTS

- Participant in multiple Game Jams on itch.io
- Best UI/UX out of a cohort of 30 projects, 2020
- FIRST Robotics District Chairman's Award, 2014
- Computer Science Student of the Year, 2016
- 3rd in Pacific Lutheran University Advanced Programming Competition, 2016

HOBBIES AND INTERESTS

- Jewelry and Metalworking
- Tabletop RPG Game Mastering (Pathfinder, D&D, FATE Core, Genesys)
- Roller Skating
- Jazz and Chamber Choir (12+ years) and various instruments

