

William Heaven

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EDUCATION

Brigham Young University - Idaho

Bachelor of Science in Software Engineering, Minor in Business Analytics

Rexburg, ID

Sept. 2020 – April 2024

EXPERIENCE

Online TA - "Programming with Classes"

Brigham Young University - Idaho

April 2022 – Present

Rexburg, ID

- Graded for the class "CSE 210 - Programming with Classes".
- Worked remotely with lead and team members to ensure efficient and consistent grading.
- Self managed schedule to ensure fast turnaround.

Shipping Associate

Insulite Manufacturing

April. 2020 – Sept. 2020

Calgary, AB

- Collaborated with Foreman to ensure production of high quality product in timely manner.
- Performed quality insurance checks during and after the production cycle.
- Managed shipping schedules to make sure that product was delivered quickly with no damage.

PROJECTS

Chrome Dinosaur Game Bot | *C++, Visual Studio*

- C++ program that uses basic principles of machine vision to detect and avoid obstacles in chromes dino runner game
- Utilized the windows.h library to detect and avoid obstacles
- [GitHub](#)

Super Smash Brothers Clone | *Python, Pyarcade, Visual Studio Code*

- Worked as member of a team to complete the program in less than 2 weeks using paired programming techniques.
- Clone of the popular game super smash brothers using the pyarcade library.
- Utilizes the principles of Object Oriented Programming to create an efficient and secure program.
- [GitHub](#)

TECHNICAL SKILLS

Languages: Python, C++, SQL, JavaScript, HTML/CSS, Kotlin

Developer Tools: Git, VS Code, Visual Studio, IntelliJ, Android Studio, Excel

Libraries: pandas, NumPy, Matplotlib