Joshua Barringer

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EDUCATION

Oregon State University — Corvallis, OR
Pursuing Bachelor of Science in Computer Science — *Fall 2019 – Current*

Columbia Gorge Community College — Hood River, OR
Oregon Transfer Degree- Computer Science — *Fall 2017 – Spring 2019*

EXPERIENCE

Software Developer as HazAdapt, INC. — March 2020 – Present
− − − — *Corvallis, OR*

- Developed a REST API using TypeScript, Express and PostgreSQL to store and manage information involving emergency management systems
- Practiced software development in a professional setting
- Gained lots of experience using version control on large collaborative code bases

Computer Science- Cyber Security — Sep. 2017 – Present
Oregon State University — *Corvallis, OR*

- Experience in C, C++, Python, JavaScript, TypeScript, React
- Experience with front-end dev, back-end dev, database management, machine learning, + more

Independent Film and Media Experience — Sep. 2015 – Present
− − − — *Corvallis, OR*

- Experience in Adobe Products: Illustrator, Photoshop, Premiere, After Effects

PROJECTS

ImageUpscaler | *JavaScript, Python, CSS, HTML* — Fall 2019

- Developed neural network and website for artificially upscaling image resolution

LogicGateSim | *Logisim* — Spring 2019

- Built a running arithmetic computer from scratch in a logic gate simulator
- Built working memory and processor functions
- Mathematical input and arithmetic operations

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, React, Python, C, C++, SQL, HTML/CSS
Frameworks: React, Node.js, Express, PostgreSQL
Developer Tools: Git, Docker, VS Code, Vagrant
Libraries: Turf.js, axios, dotenv, Jest, pg, pandas, NumPy, Matplotlib

VOLUNTEER WORK

Boy Scouts of America — 2010-2018

- Trail Maintenance and Construction as well as 100+ hours of various community service projects in Oregon and the Pacific NorthWest.
- Designed and led my own service project to build storage/starter tables for our local community greenhouses.