MAXWELL OAKES

Computer Scientist

Detail-oriented and meticulous computer scientist looking to make a difference in the world. A life-long learner who is quick to pick up new skills and tools.

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Portland, Oregon 📍

EDUCATION

03/2021 – 03/2023 (Expected)

Master of Science, Computer Science

Portland State University

> 4.0/4.0 GPA

08/2013 – 05/2017

Bachelor of Science, Computer Science

University of Portland

> 3.28/4.0 Overall GPA
> 3.41/4.0 Major GPA

RELEVANT EXPERIENCE

09/2018 – 12/2020

Nursing Education Coordinator

Orbis Education | Portland, OR

> Wrote a variety of programs in Python to automate previously tedious tasks
> Developed academic calendar used by over 400 concurrent students across at multiple locations
> Created workflow of all tasks performed by nursing admin team, allowing for timely task allocation in a growing nursing program
> Coordinated 120 incoming students per semester to ensure compliance with mandatory hospital clinical site safety and vaccination standards

11/2016 – 05/2017

Student Web Developer

University of Portland | Portland, OR

> Developed Java web applets for use by students and faculty
> Convened with faculty and university staff to outline requirements for new web applications
> Improved underlying Java web applets by identifying and fixing bugs as well as adding functionality

VOLUNTEER WORK

01/2010 – 11/2013

Hardware Evaluator

Free Geek | Portland, OR

> Disassembled donated desktop computers of varying qualities
> Sorted desktop computer components based on technical specifications for resale and donation
> Installed software and performed quality assurance on outgoing desktop computers

TECHNICAL SKILLS

Languages

> Java, Python, C#, C/C++, HTML/CSS, JavaScript, SQL

Tools

> PostgreSQL, GitHub, Unity, Microsoft Office, Windows Server 2016

PROJECT HIGHLIGHTS

Steam Compare

> A React app that uses Steam's web API to display statistics about a user's profile

PyRC

> A Python-based internet relay text chat that uses client-server architecture

Known Asteroids

> An exploratory project to fill and query an SQL database with nearly 1 million asteroids, and answer several dozen questions about them using SQL queries