# Maxwell Oakes

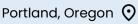
Computer Science Graduate Student

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# **Experience**

#### 09/2018 - 12/2020

# Nursing Education Coordinator (Administrative Coordinator)

Orbis Education | Portland, OR

- Wrote a variety of programs in Python to automate previously tedious tasks, frequently saving several hours of work per week
- Developed academic calendar used by over 400 concurrent students across 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 using the MVC design pattern
- Convened with faculty and university staff to outline requirements for new web applications
- Improved existing Java web applets by identifying and fixing several bugs and adding functionality

#### 01/2010 - 11/2013

# Hardware Evaluator (Volunteer)

Free Geek | Portland, OR

- Disassembled a variety of donated computers and determined whether parts are to be reused or recycled by following established procedures
- Sorted computer components based on technical specifications, requiring the ability to quickly inspect physical hardware and BIOS information
- Installed software and performed quality assurance on outgoing computers using the Ubuntu operating system

# Education

#### 03/2021 - 03/2023 (Expected)

# Master of Science, Computer Science

Portland State University

- 4.0/4.0 GPA
- Systems and Networking Track
- Phi Kappa Phi Honor Society

# 08/2013 - 05/2017

# **Bachelor of Science, Computer Science**

University of Portland

- 3.28/4.0 Overall GPA
- 3.41/4.0 Major GPA

### **Technical Skills**

#### Languages

 Java, Python, C#, C/C++, HTML/CSS, SQL (PostgreSQL, MySQL), JavaScript, React

#### **Tools**

GitHub, xUnit, Visual Studio, Eclipse,
Microsoft Office, Active Directory, Linux

# **Projects**

#### **Steam Compare**

 Worked in a team of 3 to build a React app that can fetch any public Steam profile using Steam's Web API, then displays various information about the user

#### Python IRC

 A Python-based internet relay text chat service that uses client-server architecture with room and whisper functionality

#### **Gamepad Driver**

 A Linux out-of-tree kernel module written in C used to interpret button presses of a USB gamepad controller