




# Maxwell Oakes


## Computer Scientist


Detail-oriented and meticulous computer science graduate student looking to make a difference.

m.oakes017@gmail.com 

(503) 354-4264 

maxoakes.github.io 

linkedin.com/in/max-o-017 

Portland, Oregon 

## Experience

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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

01/2010 – 11/2013

### Hardware Evaluator, Volunteer

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

## Education

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03/2021 – 03/2023 (Expected)

### Master of Science, Computer Science

Portland State University

- 4.0/4.0 GPA
- 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

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### Languages

- Proficient in Java, Python, C#, C/C++, HTML/CSS, SQL (PostgreSQL, MySQL),
- Familiar with JavaScript, React, jQuery

### Tools

- GitHub, Unity Engine, xUnit, Visual Studio, Eclipse, Microsoft Office, Windows Server 2016, Active Directory, Unix

## Projects

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### Steam Compare

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

### Python IRC

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

### Known Asteroids

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