

# JORDAN TIPPETTS

(503) 701-9274 • jttippetts@gmail.com  
www.linkedin.com/in/jordantippetts/

## EDUCATION

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### M.S., Computer Science

2019 - Present

Portland State University, Portland, OR

- GPA: 4.0

#### Relevant Coursework Taken:

Database Management Systems

Operating Systems

Discrete Math 1&2

Front End Web Development

Systems Programming

Data Structures

Programming Languages

Software Engineering

Programing Systems

### B.S., Biology, University Honors College

2014 - 2018

Portland State University, Portland, OR

- GPA: 3.89
- Graduated Magna Cum Laude, Dean's/ President's List 6 quarters

## SKILLS

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- Proficient using advanced C++ concepts, data structures, and object orientated programming
- Experienced using C, C++, Java, Python, Postgres SQL, and other relational DBMS
- Linux and Windows Systems, vim, vscode, git/Github, and all MS Office products
- Web Development: CSS3, HTML5, SASS, JavaScript, jQuery, and php

## EXPERIENCE

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### Front End User Support Lead

March 2020 – Current

Portland State University – Portland, Oregon

- Develop fully responsive web pages with client-side validation using bootstrap, JavaScript, and php to send tech support requests
- Use tableau and Postgres SQL to analyze responses from survey questionnaires
- Create detailed documentation of job duties and protocols

### Front End User Support Assistant/Member Services

September 2016 – February 2020

Portland State University – Portland, Oregon

- Handle and respond to tickets from front end users and members
- Configure, install, image, and deploy new hardware
- Manage directory and software access with active directory
- Run reports on member demographics and statistics

### Lab Technician

October 2018 - December 2018

Portland State University – Portland, Oregon

- Collect leaf samples from urban green roof and developed a method for data collection
- Use the software ImageJ to calculate LAI (leaf area index)

### Avian Technician

May 2017 - July 2017

Denali National Park- Alaska

- Wrote and produced reports based on park data collected
- Collection, input, and management of large sets of data

## AWARDS

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- Juan Young Trust Scholarship Recipient
- Royden M. Bodley Scholarship Recipient
- Roberts Scholarship Recipient
- Andy Gove Scholarship for Intel Employees' and Retirees' Children Scholarship Recipient
- Rose E. Tucker Scholarship for Honor students Recipient
- Inducted into the honor society of Phi Kappa Phi
- Eagle Scout

## PUBLICATIONS/RESEARCH

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Tippetts, Jordan J., "Analysis of Avian Diversity and Richness in Relation to Urban Park Size using eBird" (2018). *University Honors Theses*. Paper 599.

- Used statistical software to analyze big data (1 million + rows) collected from the eBird database