Christopher Daw

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Education

Western Washington University
Expected Graduation: June 2020 • GPA: 3.78

- Computer Science Major, Math Minor, Honors Program
- Relevant coursework: Data Structures, Analysis of Algorithms, Object Oriented Design

Skills

Python (4 years) • Java (6 years) • C (2 years) • Linux • Communication • Collaboration • Problem-solving
Time Management • Leadership • Working Knowledge in HTML, CSS, JavaScript, Scheme, and PHP

Work Experience

Junior Systems Administrator • WWU Bellingham, WA
May 2017 - **Present**

- Spearheaded development of scripts to automate OS upgrades and ease software updates and maintenance of ~200 lab machines
- Undertook efforts writing a support wiki to familiarize hundreds of incoming CS students with a Linux lab environment after noticing the lack of a centralized location for basic information
- Developed and maintained utility software to increase productivity of the systems admin staff

Summer Intern • Stanford University, CA
June - **August 2015**

- Independently designed and developed a user interface in Java and C to simplify use of a genomic data compression algorithm created by Mikel Hernaez, a post-doctoral researcher

Programming Projects • github.com/ChristopherDaw

Slack Team Dictionary
2018 Personal Project (WIP)

Drastically decreased lock combo lookup times for systems admins at WWU by designing and developing an app utilizing a Flask web server to implement key-value pair based dictionaries in Slack.

pi.chrisdaw.net
2017-2018 Personal Project

Learned the basics of front and back end web development by building and hosting a full stack portfolio website for myself. Utilizes a Raspberry Pi, Python web server, SSL certificates, HTML, and CSS with more features in the works.

Facebook Message Analyzer
2015 AP Computer Science Final Project

Collaboratively developed a Java program to parse Facebook message history and display statistics related to activity and word frequency.

Extracurricular Activities

- Undergraduate research in machine learning under Dr. Brian Hutchinson
- President of A Capella Club
- Bass section leader in University Choir

Awards and Honors

AS Club Cup Winner (2018, A Capella Club)
AS Club Unsung Hero (2018)

Rewarded for my efforts leading A Capella Club to win the AS Club Cup and promoting club inclusivity