

Education

Bachelor of Science - Computer Science

Expected Graduation: December 2017

University of Minnesota - Twin Cities

GPA: 3.533

- **Coursework:** AI, algorithms & data structures, software design, web programming, NLP

Bachelor of Arts - English

May 2012

University of Wisconsin - Madison

GPA: 3.193

Technical Skills

Languages: Python, Java, JavaScript, HTML, CSS, SQL, Bash, C, C++

Technologies: Git, NodeJS, Apache

Concepts: Database design, data modeling, object oriented design, Agile

Experience

Student Developer - University of Minnesota: Office of IT

January 2015 - Present

- Perform updates to the codebase using PHP, Git, Vim, SSH, Bash
- Write documentation; conduct interviews; manage other student developers
- Find and fix bugs in open-source codebase; perform pull requests
- Administrator for enterprise website
- Refactored web-based video production application written with Python CGI scripts

Java Developer Intern - BI Worldwide

May 2016 - August 2016

- Developed Java web application using Struts, Spring, and Hibernate
- Created SSO subroutine for accessing a secure web application module
- Performed SQL queries on Oracle DBMS
- Developed API for querying Oracle database

English Teacher - DYB Academy

September 2012 - September 2013

- Taught ESL classes for five grade levels, elementary through middle school
- Created homework assignments and presentations
- Developed lesson plans for 15 weekly sessions

Projects

Commit CSV Generator

- Wrote Python script to identify and parse commits and generate a CSV using the GitHub web API

Java Peer-to-Peer File Sharing Application

- Developed multithreaded chat/P2P filesharing application in Java using standard libraries

Raspberry Pi Web Camera

- Created web camera using Raspberry Pi, Apache, and webcam API

Data Refuge Volunteer

- Scraped 40,000 Nasa contacts using Python's urllib and the BeautifulSoup API