

JEREMY KROVITZ

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EDUCATION

Macalester College, St. Paul, MN

September 2019 - May 2019

- Bachelor of Arts in Computer Science
- Graduated Cum Laude, with a GPA of 3.79
- *Selected Coursework*: Database Management Systems, Internet Computing, Software Design and Development, Software Testing
- *Honors*: DeWitt Wallace Distinguished Scholarship: 4-year scholarship for academic merit

TECHNICAL SKILLS

- **Cloud Platforms**: Amazon Web Services (AWS)
- **Databases**: MySQL, SQLAlchemy
- **Frameworks/Libraries**: Bootstrap, jQuery, Flask, Moment.js, Tweepy, Django, three.js
- **Geographic Information Systems**: ArcGIS Pro, ArcMap
- **Languages**: HTML, CSS, JavaScript, PHP, Python, R, Java, C, C++
- **Operating Systems**: Linux/Unix, Mac OS X, Windows 10

PROJECTS DEMONSTRATING TECHNICAL SKILLS & RESULTS

Portfolio Website

January 2018 – Present

- Manage a personal website using HTML, CSS, and PHP to demonstrate software projects
- Upload content that utilizes effective accessibility standards and search engine optimization (SEO) strategies

Assignment Planning / Task Visualization Software, St. Paul, MN

October 2018 – March 2018

- Developed for an Internet Computing class project using HTML, CSS, JavaScript, and Flask in Python
- Created a GitHub repository and the initial file structure one month before group members started on the project
- Worked on the project after the class was completed, figuring out how to implement dates in a more concise manner using the Moment.js library
- Wrote a README with detailed instructions for running the program after it is downloaded from <https://github.com/jkrovitz/assignmentPlanner>

Crystal Visualization Software, St. Paul, MN

September 2017 – December 2017

- Developed with three colleagues using HTML, CSS, and JavaScript for Geology students to visualize the refraction of light in crystals; demo project — <https://jkrovitz.github.io/jeemwilu/>

Personal Project – Java Coding Tutorials

May 2017

- Created and posted videos on jeremykrovitz.com#coding-tutorials to help a student with their first Java programming assignment

WORK EXPERIENCE

Macalester College Information Technology Services (ITS), St. Paul, MN

September 2015 – May 2019

Telecommunications Operator

June 2017 – August 2017; June 2018 – August 2018; June 2019 – July 2019

- Learned how to write accessible web content and applied these skills when writing and editing content on the Macalester ITS website ensuring updated content and website responsiveness across multiple platforms
- Authored the following pages on the Macalester ITS website using WordPress – [E-reader MAC Address](#), [Game Console MAC Address](#)
- Created FAQs for Help Desk staff that provide callers with step-by-step technical instructions

Help Desk Consultant

September 2015 – May 2016; September 2018 – May 2019

- Entered four Help Desk tickets per week and explained technical solutions to 8 to 10 students or faculty per week in end-user terminology
- Completed hardware deliveries two times a week in a timely manner

Computer Lab Monitor

September 2016 - May 2017; September 2017 - May 2018; September 2018 – May 2019

- Maintained three printers and 18 iMacs, updating operating systems and other software to ensure proper functionality for student use
- Monitored supplies and performed necessary housekeeping, reporting damaged and faulty equipment as necessary