

## Education

**Double Bachelor of Science** in Computer Science and Economics.

- Minor in Business Administration.
- University of Oregon, Eugene.
- Expected Graduation May 2019

## Employment History

**Intern - M Science LLC (March 2019 - Current )**

- Developing complex scripts using Python and Apache Spark to query and manipulate massive datasets.
- Working with the Databricks API to automate analysis processes.

**Performance Analyst - Cairn Investment Performance Consulting (Summer 2017)**

- Worked directly with small business and their clients, supporting both performance analysis, and business functions.
- Gained experience in Performance Measurement including Benchmark Analysis, Attribution Calculation, and Performance Presentation.

**TSD Level 2 - Technology Service Desk (May 2016 - April 2017)**

- Supported students, faculty, and staff for the University of Oregon with technology support.
- Provided one-on-one service to dozens of customers a week, helping them on issues from password resets to virus removal and operating system reinstalls.

## Community Leadership and Soft-Skills

- Team awarded First Place in Undergraduate Division in Eugene Luks Programming Competition, March 10, 2018
- Participated in Technology Association of Oregon's Hack for a Cause: PDX Metro, October 17-18, 2018.
- President of largest politically-focused student organization at University of Oregon.
  - Doubled club membership to over 100 registered members by promoting club to individuals of all backgrounds and political perspectives. Led weekly meetings, organized large events, and worked with politicians and nonprofits on State and local levels.
  - Organized community service projects including hugely successful campus-cleanup. Directed volunteer activities, hosted and participated in well-attended debates and University events.

**Other Interests and Hobbies**

- Outdoor enthusiast: Avid camper, backpacker, and skier. Certified Trip Leader through the UO Outdoor Program.

## Technical Skills

- **Languages:** Python, C, C++, C# Javascript, Java, Haskell, HTML/CSS.
- **Relevant Coursework:** Algorithms and Data Structures, Principles of Programming Language, System Architecture, Software Methodology, C/C++ and Unix, Unix System Administration, Unity Game Programming, Artificial Intelligence, Operating Systems.
- **Web Technologies:** Flask, Express, Django, Node.js, RESTful APIs, MongoDB, jQuery.
- **Development and Production tools:** Git, Docker, AWS.
- **Analytic Software:** Apache Spark, R Studio, numPy, mySQL.

## Relevant Project Work

**"Monopoly" Application ([github.com/quinnmil/Monopoly](https://github.com/quinnmil/Monopoly))**

- An implementation of the classic board game using C++ and Qt graphics toolkit. Demonstrates proficiency in system design and programming practice.
- Developed as an open ended final project in a C/C++ course where it received full marks.

**"DenCity PDX" Web App ([github.com/quinnmil/DenCityPDX](https://github.com/quinnmil/DenCityPDX))**

- A craigslist style application built for the inaugural 2018 PDX Hack-For-A-Cause to create a marketplace for "Urban Density Credits" in the city of Portland.
- Learned Django web framework. Collaborated with a team of 3 other students and 2 professional developers to develop a prototype in less than 24 hours.

**"To-do Timer" Web App ([github.com/quinnmil/todotimer](https://github.com/quinnmil/todotimer))**

- Productivity tool focusing on the "Pomodoro" technique, with integrated task lists and focus features.
- Developed as an exercise to teach myself front-end web development with advanced CSS and Javascript.