Quinn Milionis

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Education

Double Bachelor of Science in Computer Science and Economics. Graduated June 2019
- Minor in Business Administration.
- University of Oregon, Eugene.

Employment History

Software Engineer - Arcimoto (July 2019 - Current)
- Focus on integrated system development, Leveraged AWS IOT services with our custom hardware to deliver telemetry data.
- Helped develop and support cross platform mobile app allow vehicle unlocking via BLE.
- Developed custom ERP tools and functionality.

Data Science Internship - M Science LLC (March 2019 - July 2019)
- Wrote Python and Apache Spark scripts to query and manipulate datasets with millions of records.
- Worked with the DataBricks API to automate analysis processes.
- Authored extensive professional documentation.

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

Technical Skills

- *Langauges*: Python, C, C++, C# Javascript, Java, Haskell, HTML/CSS.
- *Relevant Coursework:* Algorithms and Data Structures, System Architecture, Software Methodology, C/C++ and Unix, Unix System Administration, Unity Game Programming, Operating Systems, Artificial Intelligence.
- *Web Technologies:* Flask, Express, Django, Node.js, RESTful APIs, MongoDB, jQuery.
- *Development and Production tools:* Git, Docker, AWS (EC2)
- *Analytic Software:* Apache Spark, R Studio, numPy, mySQL.

Relevant Project Work

"Summit Watch" (github.com/quinnmil/summit)
- This web application will serve as a comprehensive mountaineering resource aggregator.
- Built on a MERN stack.
- Beta launching Spring 2019 at https://summit.watch

"Monopoly" Application (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
- Received full marks as an open ended final project for our C/C++ course.

"DenCity PDX" Web App (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 working prototype in less than 24 hours.

Community Leadership

- 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.
  - Led weekly meeting attended by over 50 students. Organized large events, and worked with politicians and nonprofits on State and local levels. Organized community service projects including 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.