Bryan Quinn

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Software Engineering

- Experienced in object-oriented programming; designing, developing, documenting, testing and debugging.
- Able to quickly learn and master new concepts. Successful working in team and self-directed settings.
- Self-motivated and passionate about, writing code, and designing novel ways to solve problems.
- Eager to learn new technologies and tools on the job, while enhancing his software engineering skill set.

Education

Rochester Institute of Technology -- Rochester, NY
Pursuing Bachelor of Science in Software Engineering (BSSE), Expected Graduation: May 2020

- 3.65 GPA

Class Projects:

- HealthNet – Team coordinator for Django web application project. Developed in 5-man team using Scrum and Agile methodologies.
- Lasers game – A puzzle game that implements MVC design concepts and the backtracking DFS algorithm.
- Health logger - A command line based application written in C using a pointer based circular buffer and a database.

Relevant Work Experience

Software Engineering Intern, May – August 2017
Intuit Inc., Mountain View, CA

- Project assignment will take place at the start of the internship.

Programming Intern, May – August 2016
Mutual Benefit Group, Altoona, PA

- As a team, developed applications based on requirements given by a Systems Architect.
- Designed and implemented testing suite for a new internal company website.
- Learned and applied new technologies in a fast-paced environment.

Personal Projects

- Vulnerability History Project – Open source website developed with Ruby on Rails, PostgreSQL, and Foundation. The site is design to support any open RESTful API for researches to pull and visualize the vulnerabilities of popular open source projects.
- JSFlap – Implemented algorithms for formal languages and automata theory into existing open source project. The project was built using Typescript.
- Should I Buy a Ticket - A webpage that, using statistical analysis, dynamically calculates the expected value of a lottery ticket, based on the current jackpot. Uses Javascript, PHP, html and css.
- Moodify – A Chrome extension which analyzes your online posts and suggests Spotify playlists based or your perceived mood. The extension calls our backend API server which makes use of the IBM Watson SDK and Spotify API. This project was done during a 24-hour hackathon.

*These projects and more can be found on my personal website: bquinn.me

Extracurricular

- Conducting security and vulnerability research with the CyberCorps® SFS program at RIT.
- Activities: CyberCorps, SPARSA, CodeRIT, Society of Software Engineers, Computer Science House
- Accomplishments: CompTIA A+ certifications, Boy Scouts (Eagle Scout, Troop Leader, community service) High School Cross Country Captain
- Competitions: ACM Coding Competition, BrickHack, The Google Games

Technical Skills

- Well known languages: Java, C#, Python, C, Ruby, SQL
- Familiar with: Ruby on Rails, Django, HTML, CSS, JavaScript, PHP, Typescript
- Tools: JUint, Git, Unix, JetBrains (IntelliJ, Pycharm, PhpStorm), Visual Studio, Subversion

*References available upon request