Bryan Quinn

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*Targeting a **Summer or Fall Co-Op** in...*

Software Engineering

- Experienced in object-oriented programming; designing, developing, documenting, testing and debugging.
- Able to quickly learn and master new technologies. 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

- **3.8 GPA**
- Dean's List every semester

Class Projects:

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

Personal Projects

- 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. Created using HTML, Javascript, CSS, PHP and Bootstrap.
- Task Manager – An ultra-efficient command line task manager application that sort tasks based on a modified CPU scheduling algorithm. This is implemented with Ruby and SQlite.
- SPR Technology - Designed a personal **full stack infrastructure** from scratch, based on industry technologies, for hosting personal applications and projects. This stack includes VMware vSphere, Rancher, and Docker.

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

Work Experience

Programming Intern, May – August 2016

Mutual Benefit Group, Huntingdon, 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.

Communications Support, October 2016 - Present

Rochester Institute of Technology

- Supporting and upgrading the communications technologies for the entire campus.
- Managing and completing time sensitive tasks in a team environment.

Technical Skills

- Well known programming languages: Java, C#, Python, C, Ruby, SQL
- Familiar with: Django, HTML, CSS, JavaScript, XML, PHP
- Tools: JetBrains (IntelliJ, Pycharm, PhpStorm), Visual Studio, Eclipse, Git, SVN, Bash, VI, Docker

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, NextHop Networking Contest, ISTS Security Competition

*References available upon request