

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 practices on the job, while enhancing software engineering skill set.
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Education

Rochester Institute of Technology -- Rochester, NY

Pursuing Bachelor of Science in Software Engineering (BSSE), Expected Graduation: May 2020

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

Class projects:

- HealthNet – **Team coordinator** for Django web application. Developed in **5-man team** using Scrum and Agile methodologies.
 - Lasers game – simple puzzle game that implements **MVC** design concepts and **backtracking DFS** algorithm.
 - Health logging app – command line based application written in C using **pointer based circular buffer** and database.
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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 task manager application that sort tasks based on a **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
- Learned and applied new technologies in a fast paced environment
- Designed and implemented **testing suite** for new internal website

Lifeguard, January 2013 - Present

- Conducted oneself in a professional manner at all times and completed training and certifications regularly.
 - Communicated clearly, effectively and consistently as a team, under a chain of command.
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Technical Skills

- Languages: Java, C#, Python, C, Ruby, SQL
 - Familiar with: Django, HTML, CSS, JavaScript, XML, Ruby on Rails
 - Tools: JetBrains (IntelliJ, Pycharm, PhpStorm), Visual Studio, Eclipse, Git, SVN, Bash, VI, Docker
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Extracurricular

- Conducting security and vulnerability **research** with the CyberCorps SFS program at RIT.
- **Activities:** CyberCorps, Society of Software Engineers, SPARSA, 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 competition, Cyber patriot

*References available upon request