# Sean O'Beirne

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**Objective:**   To obtain a cooperative education position pertaining to the development of software.
Available May-August 2019, August 2019-March 2020.

**Education:**

**Rochester Institute of Technology**                                             Rochester, NY
Bachelor of Science in Computer Science                                     *Expected May 2022*
**GPA**: 3.64
Dean's List Recipient Spring 2018
**Relevant Courses**: Principles of Data Management (SQL), Mechanics of Programming (C), Computer Science for Transfer Students (Java, Python), Computer Science Theory, Linear Algebra, Probability and Statistics, Discrete Mathematics for Computing

**Skills:**

**Programming Languages:** Java, C, Python, SQL, HTML5, CSS
**Operating Systems:** Unix/Linux, Windows
**Techniques:** Git (Version control), GitHub, Scrum Process
**Other:** Constant drive to pick up new skills. Strong sense of self-management. Exceptional written and oral communication skills

**Experience:**

**RIT ITS Service Desk**                                                              Rochester, NY
Service Desk Representative                                                      *August 2018 – Present*
- Assist customers with a wide variety of technological problems
- Interface with customers in a professional yet personable way
- Update and manage internal documentation on a wide variety of possible requests and incidents
- Cooperate with other internal teams to arrive at solutions to customer concerns
- Solve new technical troubleshooting problems in a timely and efficient manner

**Preferred Freezer Services LLC**                                              Chatham, NJ
Business Analyst Intern                                                          *May 2018 – August 2018*
- Developed new SQL queries to improve business efficiency and data communication within the company
- Created live dashboard displays to show internal sales, operations, and management statistics in real time and over a period of time
- Constantly communicated with other teams to field specific query requests
- Assisted with the deployment and implementation of a new business analysis application
- Worked with a team to collaborate on ideas and report progress

**Projects:**

**Web Checkers:** Currently developing a Web Checkers game in browser using the Spark framework for Java. Working with 4 team members in an Agile work environment.  Using GitHub for version control and code reviews while also participating in stand-up meetings and adhering to Object Oriented design principles.

**JavaFX Board Game:** Developed a board game in JavaFX that utilizes threads and receives keyboard input. Used Git for version control, and experimented with a custom AI algorithm.

**Language Parser:** Developed a custom language parser meant to interpret a state diagram and extrapolate a transition matrix for the language, implemented entirely in C while using Git for version control.

**Interests:**

Hiking
Billiards
Gaming