Ryan A. Berlin

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Summary of Qualifications

Highly motivated, detail oriented, and reliable college student athlete with a positive attitude and outstanding problem-solving skills. Well versed in object-oriented programming and web development technologies with strong, applied experience. Excellent written, verbal and interpersonal communication skills. Demonstrated ability to produce high quality solutions within a collaborative team environment.

Education

Rensselaer Polytechnic Institute, Troy NY

Bachelor of Science Degree Candidate, May 2020   GPA: 3.57

- ***Major*:** Computer Science   In-Major GPA: 3.76
- ***Minor*:** Information Technology and Web Science
- ***Relevant Coursework*:** Algorithms, Data Structures, Operating Systems, Database Systems, Network Programming (TCP/UDP), Network Security, Parallel Programming (MPI)
- ***Mentoring*:** Introduction to Algorithms (Fall 2018)
- ***Extracurricular Activities*:** Varsity Division III Cross Country, Varsity Division III Track and Field, Co-Founder of the RPI Cubing Club

Work Experience

Yardi Systems, Melville, New York

Associate Technical Account Manager, Intern (Summer 2018)

- Wrote SQL packages to amend client reported database issues.
- Greatly improved internal efficiency and client response time by automating tasks with Python.
- Worked alongside clients to identify, understand, and reproduce program/database issues and proposed solutions.
- Documented client issues, resolution steps, processes, and training materials.

Intelligent Data Systems, Williston Park, New York

Student Intern (Summer 2017)

- *A*nalyzed data and created insightful visualizations using Microsoft Power BI.
- Updated websites.
- Wrote client-facing documentation of software.
- Developed interoffice, personal, and phone skills.

Software Projects

Milesplit Follower: Chrome extension to allow users to follow athletes on www.milesplit.com, and receive notifications for new race results and personal records. Utilized the chrome.storage API.

Personal Website: Created a personal website to display resume and portfolio.

IRC-Like Chat server: Implemented a fully functional chat server in C using TCP. Allows users to login, create and join channels, and send messages to other users or channels.

Technical Skills

Programming Languages: C, C++, Java, Python, HTML/CSS, JavaScript, PHP, SQL

Other: Git/Github, Linux/Unix, JQuery, JSON, XML