C: (516) 987-4138 E: berlir@rpi.edu

# **OBJECTIVE**

Driven computer science major seeking a software development internship to further build upon the technical and professional skills developed through coursework and prior experience. Excellent team player, quick learner, and always up for a challenge.

# **EDUCATION**

## Rensselaer Polytechnic Institute, Troy NY

Bachelor of Science Degree Candidate, May 2020 GPA: 3.52 Master's Degree Candidate, May 2021

Major: Computer Science Major GPA: 3.75

# College Extracurricular

- Men's Varsity Division III Cross Country
- Men's Varsity Division III Track and Field
- Co-Founder of the RPI Cubing Club

# **EXPERIENCE**

### Rensselaer Polytechnic Institute, Troy, New York

*Undergraduate Mentor – Introduction to Algorithms (Fall 2018)* 

• Hosted lab hours and assisted students with any questions regarding assignments or the course material.

#### Yardi Systems, Inc., Melville, New York

Associate Technical Account Manager, Intern (Summer 2018)

- Wrote SQL packages to amend data issues through the backend.
- Automated tasks with Python. Boosted efficiency and saved 10+ hours of manual work.
- Understood, identified, and reproduced client reported program/database issues and proposed solutions.
- Provided program application training to clients.

# Intelligent Data Systems, Inc., Williston Park, New York

Student Intern (Summer 2017)

- Analyzed data from a database and created visualizations using Microsoft Power BI
- Updated websites using Wix
- Wrote client-facing documentation of software
- Developed interoffice, personal, phone skills

#### **SKILLS**

- C, C++, Java, Python, HTML, CSS, JavaScript, PHP, SQL, Git
- Proficient in Microsoft Office, Microsoft Power BI

#### RELEVANT COURSEWORK

- Introduction to Artificial Intelligence AI search, reasoning under uncertainty, machine learning.
- <u>Network Programming</u> Principles of computer networks, Unix interprocess communication, OSI reference model, TCP and UDP network programming. Implemented an IRC-like chat server using C.
- Cryptography and Network Security I Number theory, basic cryptography, and protocol security.