Eli Schiff
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EDUCATION

Rensselaer Polytechnic Institute - Troy, NY   Expected Graduation: 2022
B.S. Computer Science, Minor in Economics
G.P.A. 3.64 (Dean's Honor List: Fall 2018)
ACT: 35/36, SAT Math Level 2: 790/800, SAT Physics: 790/800
Rensselaer Leadership Award:
- $19,000 annual merit scholarship
- Given in recognition of an outstanding record of academic and personal achievements, a strong commitment to excellence, and illustration of intellectual curiosity

EXPERIENCE

Intern at Optum (UnitedHealth Group) - Boston, MA   Summer 2019
- Developed Python programs to assist in the migration of 150TB of security data to a new Hadoop Cluster
- Received first place in a company-wide hackathon with over 80 employees and interns for the development of an API to simplify access to Individual Health Records

Intern at Coursedog, Inc. - New York, NY   Summer 2018
- Implemented multiple dynamic pages using Vue.js including a custom form similar to Google Forms
- Designed and wrote a Python script used to collect emails and names for marketing purposes
- Assisted in preparation for application and then acceptance into the Y Combinator Incubator
- Requested by CEO to withdraw from school and join team in California (declined offer to focus on degree)

Instructor at Advanced Mechatronics for Kids - New York, NY   2014-2018
- Worked one afternoon a week and on ad hoc basis to teach engineering, robotics, and computer science in after-school STEM educational program

LEADERSHIP & INVOLVEMENT

Undergraduate Data Structures Mentor   Spring 2019-Present
- Run weekly labs (70+ students) and office hours to assist students in learning C++ and Data Structures

Undergraduate Curriculum Committee   Spring 2019-Present
- Freshman and Sophomore representative elected by classmates to review computer science curriculum changes

Volunteer at CS department events   Spring 2019-Present
- Assist at multiple events for prospective RPI applicants

High School Robotics Club - Founder and President   2014-2018
- Met multiple times weekly to design and build competitive robots for the RoboCup Junior competition

Upper School Math Tutors Executive Board   2014-2018
- Selected by Teachers and prior Board to lead weekly group of over 50 volunteer math tutors

COMPUTER SKILLS
- Programming Languages: C++, Python, Java, JavaScript, Node, Vue.js
- Computer Knowledge: Git, Linux, Google Cloud, Hadoop/HDFS

PROJECTS

Rubber Duck Discord Bot - https://rpi.chat/code   Fall 2018-Present
Co-developed and co-moderate Open Source Discord Bot and chat server. The server provides a place for students in any RPI course to communicate with fellow members. Due to the server scale, from 1,000 members recruited onto the platform, the bot handles many of the menial and non-menial moderation tasks. The bot also provides useful functions such as rendering latex directly in the chat. Originally designed by a friend and I, the bot development team has grown, under my management, to 7 people. The bot can be found on GitLab and uses continuous integration testing, as well as, continuous deployment to Google Cloud

Trinity School Hackathon   2016-2019
Won 1st place (2017) at multi-school coding competition with a virtual reality game in Unity similar to Frogger. Website designer and organizer of the 2018 hackathon. Mentored and taught workshops as a college student mentor in the 2019 hackathon