Eli Schiff

https://github.com/elihschiff

ADDRESS
11 Riverside Drive APT 7WE
New York, NY 10023

Contact Info
eli@elischiff.org
(646) 574-5224

EDUCATION

Rensselaer Polytechnic Institute - Troy, NY   Expected Graduation: **2022**
B.S. Computer Science
Minors in Economics
G.P.A. 3.64 (Dean's Honor List: Fall 2018)

EXPERIENCE

Intern at Optum (UnitedHealth) - Boston, MA   Summer 2019
Developed python programs to assist in the migration of 150TB of security data to a new Hadoop Cluster
Recieved First place in a company hackathon with over 80 participants through 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 preperation for application and then acceptance into the Y Combinator Incubator

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 and office hours to assist students in learening C++ and Data Structures

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

Volunteer at CS department events   Spring 2019-Present
The CS department hosts multiple events for prospective RPI applicants where current students may volunteer

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: Linux, Git, Google Cloud, Hadoop

PROJECTS

Rubber Duck Discord Bot   Fall 2018-Present
Open Source Discord Bot used to moderate and manage the 1000 student RPI academic Discord chat server I co-run. The server provides a place for students in any RPI course to communicate with fellow members of that course. Originally developed by myself and a friend, the project has grown to a team of 7 people that I actively manage as part of the Rensselaer Center for Open Source. The bot uses gitlab continuous integration 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.