

Eli Schiff

<https://github.com/elihschiff>

ADDRESS

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Contact Info

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EDUCATION

Rensselaer Polytechnic Institute - Troy, NY

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

Expected Graduation: **2022**

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 with the development of an API to simplify access to Individual Health Records

Intern at Coursera, 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: Linux, Git, Google Cloud, Hadoop

PROJECTS

Rubber Duck Discord Bot - <https://code.rpi.chat>

Fall 2018-Present

Developed, co-manage, and 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, about 1000 members, 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 to 7 people that I manage. 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