

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)
Rensselaer Leadership Award

Expected Graduation: 2022

EXPERIENCE

Intern at Optum (UnitedHealth Group) - Boston, MA

Summer 2019

- Developed Python program to monitor file changes on a 150tb Hadoop Cluster to assist with data governance
- Worked on a Python program to verify files were successfully migrated from one server to another
- 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

Data Structures Mentor - Undergraduate Teaching Assistant

Spring 2019-Present

- Run weekly labs (70+ students) and office hours to assist students in learning C++ and Data Structures

LEADERSHIP

Undergraduate Curriculum Committee

Spring 2019-Present

- Freshman and Sophomore representative elected by classmates to review computer science curriculum changes

Undergraduate CS Recruitment

Spring 2019-Present

- Volunteer 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

SKILLS

- Programming Languages: C++, Python, Java, JavaScript, Node, Vue.js
- Technical 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
- Server provides a place for students in any RPI course to communicate with fellow members
- 1,000 members recruited onto the platform and due to the server scale, the bot handles many of the menial and non-menial moderation tasks
- Due to the server scale with 1,000 members recruited onto the platform the bot handles many of the menial and non-menial moderation tasks
- Provides many useful functions such as rendering latex directly in the chat
- 7 person bot development team, under my management
- Code is freely available on GitLab and uses continuous integration testing as well as continuous deployment to Google Cloud

Easy Time Sheet - <http://timesheet.elischiff.org>

2019

- Mobile friendly website to clock in and out of work
- Automatically calculates when to leave based on clock in time and length of lunch
- Cloud sync to node.js server allowing access across multiple devices