

Eli Schiff

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EDUCATION

Rensselaer Polytechnic Institute

B.S. Computer Science, Minor in Economics

GPA 3.65 (Dean's Honor List: Fall 2018, Fall 2019)

Rensselaer Leadership Award

Troy, NY

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 Courshedog, 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

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

Data Structures Undergraduate TA

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

UPE (Computer Science Honor Society)

Fall 2019-Present

- UPE runs multiple computer science related community events at RPI including: coding competitions, exam review sessions, and more

PROJECTS

Rubber Duck Discord Bot

<https://rpi.chat/code>

- Fully-featured Python moderation bot for 1000+ member RPI focused Discord chat server
- Hosted on Google Cloud using Gitlab continuous integration and continuous deployment
- Provides many useful functions such as rendering LaTeX directly in the chat

Submitty

<https://github.com/Submitty/Submitty>

- Submitty is an open source programming assignment submission website developed at RPI
- My main project has been implementing a online queue to keep track of students who need help during office hours
- The queue additionally provides analytics for instructors to understand how to allocate resources to best help students

Easy Time Sheet

<https://github.com/elihschiff/easy-time-sheet>

- 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

SKILLS

Programming Languages

- C++, Python, Java, JavaScript, Node, PHP, Vue.js, SQL

Technical Knowledge

- Git, Linux, Google Cloud