Eli Schiff

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EDUCATION

Rensselaer Polytechnic Institute   **Troy, NY**

B.S. Computer Science, Minor in Economics   *Expected Graduation: 2022*

GPA 3.65 (3.87 in major) (Dean's Honor List: Fall 2018, Fall 2019)

Rensselaer Leadership Award

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

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 represent students in proposed computer science curriculum changes

Upsilon Pi Epsilon (Computer Science Honor Society)   *Fall 2019-Present*

- UPE runs multiple computer science related community events including coding competitions and exam review sessions

PROJECTS

Submitty   https://github.com/Submitty/Submitty

- Open source programming and assignment submission website developed at RPI
- Implementing an online queue to keep track of students who need help during office hours and provide analytics for instructors to understand how to allocate resources to best help students

Rubber Duck Discord Bot   https://rpi.chat/code

- Fully-featured Python moderation bot for 1,000+ 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

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