Jeremy Weiss

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EDUCATION

B.S. Computer Science, *Rensselaer Polytechnic Institute*, Troy, NY   Expected Graduation: May 2022, GPA: 3.72/4.0
- Dean's Honors List

Syosset High School, Syosset, NY   June 2018, GPA: 98/100

PROJECTS

COVID-19 Avoider Store Search   **Apr 2020 – Present**
- Utilized Flask and Heroku to develop and provide a free service for use by residents of Nassau County, NY.
- Enable users to search for nearby stores and be provided with results ranked by the number of cases in each store's community.

Customer WiFi Login Portal for Local Restaurants   **Aug 2019 – Dec 2019**
- Allow local restaurants to collect emails and contact information from their customers in exchange for access to their WiFi.
- Customer emails are automatically added to a mailing list, configurable for various marketing providers.

Cloud Performance Modeling and Analysis under Multiple Levels of Interference   **Jun 2017 – Jun 2018**
- Researched, developed, and coded a program in Java to solve a novel stochastic Markov chain model for predicting performance interference in a cloud-based server.

WORK EXPERIENCE

Rensselaer Polytechnic Institute Computer Science Department, Troy, NY   **Oct 2019 – Present**
Undergraduate Mentor
- Provide mentoring, tutoring, and assistance for all RPI students in Computer Science I.

Type B Consulting, Syosset, NY   **Jan 2017 – Sep 2019**
Developer
- Led the development of websites and web-based projects for local businesses and customers using HTML, CSS, JavaScript, and Python (Flask).

K12 STEM Camp, Melville, NY   **Jun 2017 – Aug 2019**
Head Assistant
- Taught and created a curriculum for robotics and coding basics for children in Kindergarten – 6th grade during the summer.

VOLUNTEER & LEADERSHIP EXPERIENCE

Pi Delta Psi Fraternity, Theta Chapter, Troy, NY
Treasurer **(Jan 2020 – May 2020)**
- Managed the fraternity's finances and set the semester budget as an Executive Board member.

Syosset National Honor Society, Syosset, NY.   **Jun 2017 – Jun 2018**
Executive Board Member and Web Manager
- Created a tutoring pairing algorithm for students and tutors using Ruby and Sinatra for Syosset High School's National Honor Society chapter.
- Deployed via Heroku and utilized by 200+ students and 150+ tutors over one academic year.

SKILLS

Comfortable with: HTML5 & CSS3, Front-end Web Development, C++, C, Python, Java, Microsoft Office, and LaTeX
Familiar with: Git, Android SDK, JavaScript, and Flask