

# 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 – 6<sup>th</sup> 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