

Jeremy Weiss

Email: jweiss045@gmail.com – **LinkedIn:** jeremy-weiss – **GitHub:** jweiss045 – **Website:** <https://jweiss045.github.io/>

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