

## Joseph P. E. Gabel

3 Russell Lane, Patchogue, NY 11772 | C/T: (631) 707-1482 | [jgabel7@gatech.edu](mailto:jgabel7@gatech.edu) | U.S. Citizen | [josephpeg.com](http://josephpeg.com)

### Objective

Add value as an intern, to a work effort or team. To gain experience working in a formal working environment and develop my skills in the field of electrical engineering.

### Education

#### Georgia Institute of Technology | Atlanta, GA

Bachelor of Science in Electrical Engineering, Minor in Spanish GPA 3.90

#### Patchogue Medford High School | Medford, NY

Advanced Regents Diploma

### Skills

**Programming:** Java, JavaScript, HTML, CSS, Python, Arduino

**Platforms:** Microsoft, OSX,

**Hardware:** Arduino, Raspberry PI, PCB Fabrication(LPKF Protomat, Protolaser, & Contac)

**Software:** NetBeans, Eclipse, Betaflight, Arduino IDE, MS Suite, Adobe Suite, G Suite, Aurora Solar

**Communication:** Have presented, and am comfortable, presenting to audiences in excess of 500 people.

**Languages:** Spanish(conversational), English (Native)

### Experience

#### Lewis Johs Avallone Aviles, Islandia NY

June 2022-August 2022

Lead an interdisciplinary effort to populate missing customer data within a Law Firms Attorney Information system (AIM). Worked with Law Firm Management, Operations, and IT department on various projects utilizing the MS suite, primarily Access, Excel, Word, and Visual Studio Code. Used Access to find clients with specific parameters using queries. Primary project involved creating a web crawler using python to find missing address data for over 15,000 records spanning in excess of 3000 clients. This resulting information was utilized to notify the clients that they may have been compromised by a cyber-attack.

### Projects

#### District Solar Cup (received honorable mention)

September 2021-May 2022

Worked on a team of 8 members to design a Solar Grid for the University of Ohio campus as part of a competition hosted by the Department of Energy. Created a Project Proposal showing an outline for our project, Conceptual Design showing what solar panels we would use, what buildings we chose, and how we would optimize our design, a Distribution and System impact, and a Development Plan. After submitting our files and making a presentation our college received an honorable mention.

#### FreShGA Spring Project

January 2022-May 2022

Worked with a team of 15 other members of the Freshman Student Government Association to design a comprehensive resource guide that would allow students to find and access campus resources more efficiently. Worked with other on campus organizations and presented our resource guide to the Undergraduate House of Representatives.

### Leadership

#### District Solar Cup | Atlanta, GA

September 2021-May 2022

##### Development Plan Lead

- Coordinated and assigned work, working with a small team from various disciplines to create a 15-page document detailing all codes and policies in Columbus County Ohio, to ensure our solar design complied with all codes and standards.

#### New York District Key Club

March 2020- May 2021

##### Lieutenant Governor – New York State Board

- Managed Portfolio of events for 8 schools; active participant and conduit between the local and state levels of the organization. Accountable for all aspects of the day-to-day planning, finances and Service Hours tracking for the 8 schools within my Division.