

# Rafael Perez

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## EDUCATION

**City University of New York - Lehman College**

Bachelor of Science – Computer Science – GPA 3.3

**Bronx, NY**

**Graduation Date May 25, 2020**

**Relevant Coursework:** Data Structures and Algorithms, Java Programming Methods I & II, Calculus I & II Lab (*in Python*), Elementary Discrete Structures & Applications to Computer Science, Techniques in Data Science, Web Development in JavaScript, Linear Algebra

## TECHNICAL SKILLS

**Programming Languages:** Python, HTML, CSS, SQL, Django

**Frameworks/Technologies:** Git, GitHub, Django, Jupyter Notebook, Pandas, BeautifulSoup, Selenium, Scrapy, Postgresql, Postman, Folium, Visual Studio Code, Matplotlib, Seaborn, Scikit-Learn, Graphviz

## PROFESSIONAL EXPERIENCE

**City University of New York – Lehman College**

*Registrar Office College Assistant*

**New York, NY**

**December 2019 – November 2020**

- Managed all e-Permit processes for the Spring, Summer and Fall Semesters within every department on campus
- Organized and assisted with transcript filings dating back to 1985 while digitizing for modern efficiency
- Worked with and assisted students with E-Permit filing processes, by directing to the proper channels
- Solved student issues in a friendly and timely fashion with regards to graduation, e-Permit, transferring colleges, electronic grade changes and appeals, registering for classes, proof of coursework and attendance, and transcripts

**Responsify**

*Software Engineer Intern*

**Brooklyn, NY**

**June 2019 – August 2019**

- Used Scrapy, BeautifulSoup, and Selenium to web scrape LinkedIn to find small companies to market product
- Built Backend with Django to connect to PostgreSQL database
- Used Machine Learning API (Diffbot) to place calls to web scrape blogs on different styled web pages
- Using returning JSON from Diffbot API, created functions to apply on that data to store into database
- Coordinated with CTO and CEO to design database schema and create metrics needed for SEO efficiency
- Refactored computer code for readability and wrote documentation for said code
- Conducted Research and Development to use the most beneficial technologies for the project
- Used Git and GitHub to coordinate projects between Front End Team and Backend Team
- Performed consistent stress tests on project API using Postman to ensure functionality

**Code LLC**

*Project Completion Administrator*

**New York, NY**

**August 2016 – August 2018**

- Revised systems, procedures, and record keeping workflows by optimizing operating practices
- Promoted from Asbestos Administrator to Project Completion Administrator within 8 months
- Coordinated with supervisors with TR1, TR2, TR4, EUP card, PW1, PW4, PW6 forms, and DOB/ECB violations
- Followed up with clients regarding various projects between the Project Completion team

## TECHNICAL PROJECT

**Baseball Sabermetrics**

**October 2019**

- Using Pandas, NumPy, Seaborn, Scikit-Learn, SciPy to analyze data from the 2018 MLB Batting statistics and display my findings on a representative website
- Website: <https://sites.google.com/view/sabermetrics/home>
- GitHub: [https://github.com/ralphiecodes/sabermetrics\\_proj](https://github.com/ralphiecodes/sabermetrics_proj)

## PROFESSIONAL AFFILIATIONS

- Treasurer, Society of Hispanic Professional Engineers (*SHPE*), CUNY-Lehman Chapter - August 2019
- Member, Google Developer Group, Bronx chapter (*meetup for aspiring developers and computer engineers*) - August 2018
- Participant, CUNY Tech Prep: Tech Talent Pipeline - January 2019
- Volunteer at Brooklyn Pride Committee for the Queens Pride Parade 2017 and 2018