

José Luis Cruz, Jr.

Contact: jlcjobsearch@gmail.com

Location: Bronx, NY

Portfolio: <https://github.com/jtpgmr>

Website: <https://reactjs-resume-a4406.web.app/>

Technical/IT Skills

Data Management	Data import and SQL querying; Database design fundamentals; Relational (MySQL, PostGres, SQLite) and NoSQL (MongoDB, Firebase) databases;
Business Intelligence	Visualization Dashboards with PowerBI and Tableau (+ Python Scripts); Microsoft Office Suite; GraphPad Prism and Minitab statistical softwares
Cloud-based & Collaborative Services	Amazon Web Services & Google Cloud Platform; Git version control (+ GitHub)
Operating Systems	Experience using Windows7/10 and MacOS professionally, as well as personal experience with Linux (Ubuntu, CentOS)

Programming Expertise

JavaScript	Use of ReactJS framework to create mobile-responsive UIs; Server-side utilization of JS with NodeJS; Consuming APIs with Axios and Fetch; Creating CRUD APIs with ExpressJS for use in MERN stack applications
Python	Data manipulation using NumPy and, Pandas; Data visualization using Matplotlib, Pyecharts and Altair; Creating RESTful APIs using Django REST Framework; Integrating ReactJS frontend with Django; Creating simple web applications with Streamlit; Writing and executing code within virtual environments and Jupyter Notebook

Recent Work Experience

Ph.D. Research Student

Department of Immunology & Microbial Diseases, Albany Medical College

Duration: August 2018 - May 2021

Principal Investigator: Dr. Katherine C. MacNamara

Roles:

- Understanding the underlying immunological mechanisms of tick-borne diseases
- Performing statistical analysis and visualization on curated data

Secretary & Project Assistant

Welfare Research, Inc.

Duration: May 2021 - November 2021

Supervisor: Mr. Lawrence Poitras

Roles:

- Managing and processing data from grant applications relating to daycare reimbursement expenses during COVID-19
- Written and verbal communication with clients in *English* and *Spanish*

Education & Certifications

Bachelor of Science in Biology

College of Saint Rose

Concentration: Cell and Molecular Biology

Minor: Chemistry

GPA: 3.71

CompTIA A+ 220-1001

Exam passed: 12/26/2021