José Luis Cruz, Jr.

Contact: jlcjobsearch@gmail.com   ***Location:*** Bronx, NY

GitHub   *Website*   *Stack Overflow*

IT and BI 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); Able to utilize virtualization tools to run Linux distros on virtual instances

Programming Expertise

JavaScript	Use of ReactJS and NextJS frameworks to create mobile-responsive UIs; Consuming APIs with Axios and Fetch; Creating CRUD APIs with ExpressJS for use in MERN stack applications
Python	Data analysis, manipulation and visualization; Creating RESTful APIs using Django REST Framework; Integrating ReactJS frontend with Django; Creating 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

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