LUIS JORGE, SOFTWARE ENGINEER

9175642595 • Luis.Jorgexl@gmail.com • Bronx, New York • [LinkedIn] • [GitHub] • [Personal-Site (WIP)]

SUMMARY:

With over 8 years of experience in Python development for Django and Flask APIs, I specialize in software development life cycle, emphasizing object-oriented programming and object relational mapping. I excel in message-oriented middleware like AMPS, RabbitMQ, and ZeroMQ, with hands-on experience in messaging solutions. Proficient in data manipulation using Pandas and NumPy, I leverage Apache Spark for distributed data processing and analytics. Certified as an AWS Developer, I bring expertise in AWS services and deep learning frameworks like PyTorch. Committed to delivering projects on time and within budget constraints, I continuously adapt to emerging technologies.

Technical Skills:

- **Testing Frameworks**: pytest, JUnit, jest, mocha, cypress, jasmine, selenium and playwright
- **Programming Languages:** C, C++, C#, Go, Java, Python Node.js, React/native, Typescript, Javascript, HTML, CSS,
- **Frameworks & Libraries:** Flask, Django, Pandas, NumPy, PyTorch, TensorFlow, Spring, .NET, nextjs
- **Cloud Platforms:** AWS, Azure, GCP
- **Machine Learning:** Supervised, Unsupervised, Deep Learning
- **DevOps Tools:** Version control (Git, GitHub, Jenkins, Ansible/Chef, Docker, Docker Swarm, Containerization, Kubernetes, CloudFormation, Grafana, Jenkins, automated testing, CI/CD
- **Databases:** SQL, mysql, mongodb, postgresql, duckdb, AWS auroraDB, AWS dynamoDB, S3, redis, redshift
- **Familiarity with:** Full stack, front end, back end, web design, web applications, APIs, oracle, design patterns, data modeling, microservices, lambda functions
- **Client-facing experience:** provided white glove service for network infrastructure setups, server setups, rack setups, cable runs with plenum ethernet cables, office desktop/printer setups, and handling software delivery via images per client requirements.

Certifications: Amazon Web Services Developer Associate (DVA-C02) – [Credly Link to verify]

Additional Languages: Fluent in Spanish and learning both French and Cantonese.

PROJECTS

Luegle Maps			
Geospatial application to detect places listed on Google Tech: Javascript, HTML, CSS, Express, Google Places API	[Video]	[GitHub]	Nov 2023 – Dec 2023
Titan Capital Financial			
Banking CRUD application Technologies: React, Hooks, context, ChartJS, JSON Server	[Video]	[GitHub]	Dec 2023 – Jan 2024
MedExams – Team Lead/Backend Lead			
Medical CRUD application Technologies/Stack: MERN, RabbitMQ, Redis, Tailwind CSS	[Demo]	[GitHub]	Feb 2024 - Mar 2024
Hotel Management System			
CLI Object Relational Mapper with DB Technologies: Python, Click, OOP, Sqlite3,	[Video]	[GitHub]	April 2024 – May 2024

EDUCATION

New York City College of Technology   Brooklyn, New York

Bachelor of Science in Computer Science Technology/Networking and Security   06/2018

- Demonstrated exceptional academic performance, earning placement on the Dean's Honors List, while applying project management principles to various coursework, including mastery of Cisco routing, switches, wireless, and security technologies, and specialized knowledge in advanced security technologies.

- Utilized object-oriented programming techniques to develop robust and scalable software solutions, alongside applying database architecture and development skills to design and optimize data storage systems for efficient data management in project initiatives.

Flatiron School NYC   New York, New York
Software Engineering / Full Stack Development   Current

- Learning best practices for full-stack development utilizing modern stacks including react, typescript, nextjs, python, flask, django, and CMS systems to create scalable web applications.
- Created Luegle Maps, Titan Capital Financial and Python CLI Object Relational Mapper projects

PROFESSIONAL EXPERIENCE

Hack.Diversity   New York, New York
2024 Hack.Diversity Fellow for Software Engineering   2023 – 2024

- Selected into 2024 Hack.Diversity Fellowship, a career leadership and workforce development program integrating Boston's innovation, corporate, civic, academic, and philanthropic pillars.
- Team lead and Backend lead for the capstone project, [MedExams](#)
- Voted Most Valuable Hacker

Cambium Assessment Inc: SaaS company offering secure testing software   Remote
Project Coordinator   2022– 2023

- Utilized advanced MySQL, SAS, and Excel proficiency to meticulously validate student data across 20+ client states, ensuring data accuracy and consistency through rigorous quality assurance measures.
- Managed simultaneous coordination of 7+ projects across 3 distinct groups, overseeing Agile lifecycle sprints and orchestrating comprehensive client meetings to facilitate agile discussions, communicate changes effectively, and ensure stakeholder alignment. Utilized JIRA for seamless integration of database updates, enhancing project management efficiency and timely delivery.

Helpdesk Analyst   2021 – 2022

- Orchestrated comprehensive training sessions for end-users, facilitating seamless onboarding and empowering education departments to leverage proprietary software for state tests. Additionally, mentored two technicians to exceed performance expectations and consistently meet SLA goals for all cases. Utilized SQL and data engineering to cluster common problem types and inserted suggested fixes in a pipeline.