

LUIS URDANETA

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EDUCATION

University of South Florida

Bachelor of Science in Computer Science

Tampa, FL

Expected May, 2024

University of South Florida Global Tech Program

Coding Track

Tampa, FL

May 2021 - August 2021

EMPLOYMENT

Citigroup Inc. - Treasury and Trade Solutions Technology - Payments & Receivables

Summer Software Development Analyst

Tampa, FL

June 2023 - August 2023

- Frontend (ReactJS) and backend (NestJS) development in a SCRUM team that leads an effort to build a centralized platform for operators to interact with payments and facilitate operational tasks.
- Created components for a microfrontend to display institution data in a side panel when a table row is clicked. The component categorizes and formats incoming data so users can search for specific data feeds.
- Extended Mantine (React component library) Data Table functionality to allow users to resize columns
- Leveraged Cypress to create an end to end automated testing suite for our team’s Bank Search page.

Citigroup Inc - Account Master Central Standing Settlement Instructions

Summer Software Development Analyst

Tampa, FL

June 2022 – August 2022

- Frontend and backend development in an Agile team that focuses on developing and maintaining an application that serves as the golden source of standing settlement instruction data across the firm.
- Worked on the team’s effort to migrate the UI from JSP to Angular.
- Fixed bugs pertaining to data binding, services, modals and responsive styling.
- Implemented input validation, exception handling and responsive styling features.
- Deployed team’s application to SIT server using UDeploy.
- Worked on automating an application’s build process with Jenkins, containerization with Docker and deployment in OpenShift.

PERSONAL PROJECTS

- Portfolio: <https://luisurdanetaw.github.io/Portfolio/> Built with Bootstrap using mobile first approach.
- M.O.V.E Logistics Platform: university senior project. Created a platform in collaboration with other students. Communicated with customer, translated requirements to user stories, generated extensive documentation concerned with requirements, specifications, testing, risks, constraints, standards, etc. Designed and implemented the ReactJS frontend. Created backend architecture and implemented multiple endpoints for trend analysis,
- Cache project: created a dictionary based cache implementation using closures (functional programming) and implemented the second chance algorithm as an eviction policy with the objective of reducing backend request latency.
- NLP Projects: Fine tuned a Distilbert based model for a comment classification task.Compared the correctness of Chain of Thought prompting and Tree of Thoughts prompting for few shot classification, with examples retrieved from vector database Pinecone via similarity search.
- Social Network Web App: Provides a platform for students to connect with employers. Backend built with Spring Boot, Spring JDBC, PostgreSQL, AWS Lambda and AmazonS3. Frontend built with Angular.

SKILLS

- Languages/Frameworks: Java, Angular, Javascript, Typescript, Spring Boot, Spring Data JPA, C, C++, Python, FastAPI, HTML, CSS, Spring JDBC, SQL, RDBMS, OpenAI API, Pinecone, ExpressJS, NestJS.
- AWS, Amazon S3, AWS Lambda, Figma, Jenkins, Docker, Git, UDeploy, OpenShift, JIRA, Confluence
- Agile, SCRUM, OOP, SOLID, CRUD, REST, Responsive UI, Inversion of Control, Dependency Injection, Unit Testing, Relational Databases, Object Relational Mapping
- Spanish (Bilingual), Research, Customer Service, Teamwork, Communication, Time Management, Attention to Detail, Fast learner