Vadim R. Castro

vadimcastro1@gmail.com   linkedin.com/in/vadimcastro
516-509-0993   github.com/vadimcastro

Experience

Stickshift AI   Austin, Texas
Senior Software Engineer, UI/UX   Dec 2023 - Current

- Added integration for GPT-4 Turbo and Claude 3 Haiku based search assistant
- Implemented Bing Autosuggest API for real-time search suggestions
- Designed & implemented mobile friendly UI using React
- Upgraded existing UI components to better conform to proximity & consistency design principles

Goldman Sachs & Co.   Dallas, Texas
Software Engineer, Platform & Data   Feb 2022 - April 2023

- Developed and implemented a streamlined data pipeline strategy to ensure data integrity across all stages of the data lifecycle (definition, in-app, at-rest/DB) across entire Digital Loan Agent system
- Developed and published custom internal Python libraries to GS private PyPi via Gitlab CI pipeline with automated dynamic versioning according to the PEP 440 specification
- Developed and managed CI/CD pipelines in Gitlab CI including testing, packaging & deployment jobs across multiple services (Orchestration, Payments, Demo)
- Developed a Demo Service for testing new features due to infancy and instability of DLA system
- Implemented Gitlab and Jira integration to allow team to reference Jira tickets in Git commit messages to track, update and close Jira tickets automatically and efficiently

International Business Machines Corporation (IBM)   Washington, D.C.
Associate Software Developer   August 2020 - December 2021

- Developed several REST services with Java, Spring Boot, PostgreSQL and AWS for GSA and FDA
- Iteratively designed and implemented DB schema, as well as developed an API and REST service for Data Scientists on GSA project
- Created Python scripts to automate DB instance configuration, data ingestion and data removal
- Occasionally performed code reviews for Data Scientists on GSA project

Data Mining and Management Lab, UAlbany   Albany, New York
Research Assistant   August 2018 - February 2019

- Analyzed time-evolving networks for anomalous event patterns
- Engineered software to identify and mine dynamic communities in temporal graphs
- Utilized metrics such as ROC AUC to optimize parameter values
- Synthesized mock data for testing
- Worked around a messy legacy codebase to implement new functionality

Education

University at Albany, SUNY   Albany, NY

B.S. Computer Science and Applied Mathematics   August 2015 — May 2019

Relevant Coursework: Distributed and Parallel Computing (Graduate), Number Theory, Systems Programming, Automata & Formal Languages, Algorithms & Data Structures, Discrete Probability, Introduction to Combinatorics, Honors Calculus of Several Variables, Object Oriented Programming, Linear Algebra