Giancarlo Sirio

Software Engineer with Experience in Back End Applications

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EDUCATION

Boston University   May 2022

Bachelor of Arts in Computer Science

EXPERIENCE

CVS Health   June 2023

Digital Developer II
- Built APIs for CVS' Minute Clinic scheduling application which serves **millions** of patients every year
- Deployed and monitored the health of high-traffic APIs handling **300,000** daily requests
- Led the creation of comprehensive unit and integration testing of services and circuit breaker mechanisms
- Implemented high level design documents into business logic and refined features in an agile setting
- Acted as a support role while front end teams ingest new changes to back end APIs
- Populated data in MySQL database for querying reasons for visit in scheduling site
- Optimized back end APIs to decrease response times by **2** seconds

City of Revere BU SPARK Internship   Jan 2021

Undergraduate Programmer
- Developed visualizations of city service data of the **59,000** residents of Revere, Massachusetts
- Enhanced city's data management by using Google Maps API and U.S. Census data to create dashboards

Georgia Institute of Technology   May 2021

S.U.R.E. Summer Researcher
- Conducted deep learning research to expand current research on classification of signal processing data
- Adapted research to create a tool for speech pathologists to identify autism from patients' voice recordings
- Trained Recurrent Neural Networks (LSTM, GRU), and Transformer networks on audio and text features
- Automated training, testing, logging, and visualization of experiments with Python and bash scripts
- Won 1st place for best presentation at summer research symposium amongst other undergraduate students

SKILLS

Programming Languages
- Java , Java Script, Python, C/C++, Ocaml, R

Frameworks
- Spring Boot, Express, React, FastAPI, JBehave, Apollo GraphQL

Tooling
- Docker, Redis, MongoDB, MySQL, Maven, GCP, Apache Tomcat, CircleCI, Harness, ArgoCD, JFrog

Languages
- Spanish (Native), Italian (Conversational)

PROJECTS

Strive Fitness   May 2023
- Designed small web application to help log running workouts and display metrics
- Helped create front end components and back end user authentication logic

Spot-Recent a Spotify API Web Application   Nov 2022
- Created a real-time Spotify listening tracker to manage and visualize user's listening data
- Utilized Node, Express, and MySQL for server-side development and React to handle client side logic

ACTIVITIES

CVS University Mentorship Program   Feb 2024
- Met with current university students to provide them with guidance on coursework and career planning
- Conducted mock interviews and resume workshops to get students prepared to enter the job market