

Giancarlo Sirio

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EDUCATION AND AWARDS

Boston University

May 2022

Bachelor of Arts in Computer Science

Georgia Institute of Technology

August 2021

Summer Undergraduate Research Program Symposium Winner

EXPERIENCE

CVS Health

May 2023-Present

Software Developer II

- Built APIs for CVS MinuteClinic scheduling application, serving **millions** of patients every year
- Deployed and monitored high-traffic APIs handling **300,000** daily requests
- Led the creation of comprehensive unit and integration testing of services and circuit breaker mechanisms
- Wrote high level architecture diagrams and API specifications for new services
- Supported web and mobile teams during on call rotations, triaged issues and provided hotfixes
- Utilized relational and non-relational databases to perform CRUD operations
- Optimized **Java Spring Boot** back end APIs to decrease response times by **2** seconds

Georgia Institute of Technology

May 2021-Sep 2021

Machine Learning Research Assistant

- Automated Machine Learning training workflows with **Python** and **Bash** for team of researchers
- Developed Python library for feature extraction, training, testing, and visualizations of neural networks
- Implemented neural networks for speech pathologists to identify autism from voice recordings of patients

City of Revere BU SPARK Internship

Jan 2021 - May 2021

Software Developer

- Spearheaded data processing project for City of Revere, Massachusetts to help local government make data driven decisions
- Leveraged Python, Google Maps API, and U.S. Census Data to create interactive dashboards of public works data of the **57,000** city residents

SKILLS

Programming Languages

- Java , JavaScript, Python, C, Ocaml, R

Frameworks

- Spring Boot, Express, React, Tailwind CSS, FastAPI, Venv, NumPy, Pandas, PyTorch

Tooling

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

Languages

- Spanish (Native), Italian (Conversational)

PROJECTS

Strive Fitness

May 2023

- Designed web application to help log running workouts and display metrics with **React** and **Tailwind**
- Helped create front end components and back end user authentication logic with **FastAPI**

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 back end 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