


# Sagar Vrajala

## Software Engineer

📍 403801 Dabolim, Goa, IN ✉️ [sagarvrajala@gmail.com](mailto:sagarvrajala@gmail.com) ☎️ +91-99237-39379 🌐 [github.com/S4G4R](https://github.com/S4G4R)  
in [linkedin.com/sagar-vrajala](https://linkedin.com/sagar-vrajala) 📄 [cutt.ly/sagarvrajala](https://cutt.ly/sagarvrajala)

### PROFESSIONAL EXPERIENCE

**Crio Launch 2020, Student Developer**  January 2020 – April 2020  
Worked as a Backend Developer, contributed to and built projects and gained various product development skills and insight into best practices when it comes to building software.


### PROJECTS

**Crio QCharm, (Java | Applied Data Structures and Algorithms)** March 2020 – April 2020  
Contributed to an online IDE used to edit and run code by implementing features in the back-end using various data structures and algorithms.

- Implemented features such as loading files into memory, quickly searching for text, cut-copy-paste, search-replace, and undo-redo.

**Crio QMoney, (Java | Spring Boot | Gradle)** February 2020 – March 2020  
Worked on the back-end of a visual stock portfolio analyzer tool.

- Worked on adding integrations to 3rd party API's, parsing JSON data, refactoring code, publishing it as a local library, and enhancing performance using multithreading.

**TV Shows Tracker, (Python | Flask | SQLAlchemy)**  November 2018 – December 2018  
Worked on a web application that can hold information related to television shows and films.

- Implemented features such as searching for shows/movies via a 3rd party API, customizing results into lists, and maintaining these lists by specifying details such as current season, episode, giving ratings, among others.

### SKILLS

**Programming / Scripting Languages**  
Java, SQL, Python, HTML/CSS

**Version Control Software**  
Git, GitHub, GitKraken

**Build Tools / Package Managers**  
Gradle, Make, NPM, Pipenv

**Frameworks**  
JavaFX, SQLAlchemy, Flask, Apache Cayenne

**Tools / IDEs**  
Android Studio, Scene Builder, UNIX Terminal, Atom, Postman, Wireshark, IntelliJ

**Misc**  
Homebrew, Valgrind, Jenv

### EDUCATION

**SRM Institute Of Science And Technology, BSc Computer Science** July 2017 – present  
• GPA : 8.91 / 10.00

### CERTIFICATES

**Build a Modern Computer from First Principles : From Nand To Tetris,** May 2020  
*Hebrew University Of Jerusalem* 

**Object Oriented Programming with Java, part I, University of Helsinki**  October 2018