

# David Gorin

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Hard-working and fast-learning student looking for an internship in Software Development.

## Education

### **BA COMPUTER SCIENCE | AUGUST 2021-(\*IN PROGRESS)| GEORGIA INSTITUTE OF TECHNOLOGY**

- Major: Computer Science
- GPA: 3.96

## CLASSES TAKEN

- Object Oriented Programming & Design
- Data Structures and Algorithms
- Discrete Mathematics
- Linear Algebra

## Technical Skills

### LANGUAGES

- Proficient in Java, C++, JavaScript
- Familiar with Python,, XML

### SOFTWARE & TECHNOLOGY

- Platforms: MS Windows, Linux
- Libraries/Frameworks: ROS(Robot Operating System), React.js
- Development Tools
  - Proficient in IntelliJ, Junit, Visual Studio Code, and JupyterLab

## Experience

### **DATA SCIENCE INTERN | ABBVIE | JUNE 2022 – AUGUST 2022**

- Improved the efficiency of a function that was used for data processing
- Utilized ML techniques to tune the parameters of an XGBoost classification model
- Transformed input data using SQL and Python in JupyterLab

### **ROBOJACKETS SOFTWARE TEAM | ROBOJACKETS | SEPTEMBER 2021-(\*IN PROGRESS)**

- Wrote software design documents, reviewed with the team, and proposed a schedule
- Developed new features for a more realistic simulation of the robot's sensor readings
- Utilized the debugging process to fix bugs in various nodes such as the localization node

### **VERTICALLY INTEGRATED PROJECTS | ACT DRIVING LAB | JANUARY 2022-(\*IN PROGRESS)**

- Aided in the calibration of an RL model of a roundabout using python and TensorFlow
- Engaged in weekly team meetings to share progress and consolidate workload
- Utilized matplotlib to animate completed model

## Other Work

### **CODE TUTOR | CODE NINJAS | JUNE 2021- AUGUST 2021**

- Instructed children on coding assignments
- Conducted classes covering basics of coding

