

# Shrey Amin

## Computer Science Major

Third Year Student at Georgia Institute of Technology



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## SKILLS

Languages: Java (Proficient), Python (Proficient), C (Proficient), Processing, JavaScript, C# (familiar)

Database: Firebase, MySQL (familiar), SQLite3 (familiar)

Frameworks: React.js (Proficient), Node.js, Express.js, P5.js

Operating Systems: Windows, Linux/Unix

IDE Experience: Android Studio, IntelliJ IDEA, PyCharm, Visual Studio Code, Eclipse

## LANGUAGES

English  
*Native or Bilingual Proficiency*

Gujarati  
*Native or Bilingual Proficiency*

Hindi  
*Native or Bilingual Proficiency*

Spanish  
*Limited Working Proficiency*

## EDUCATION

### Pursuing a Bachelor's Degree in Computer Science Georgia Institute of Technology

08/2018 – Present

4.0

#### Courses

- Data Structures and Algorithms
- Object Oriented Programming
- Introduction to Artificial Intelligence
- Design and Analysis of Algorithms
- Computer Vision (Currently Enrolled)
- Objects and Software Design
- Computer Organization and Programming
- Introduction to Perception and Robotics
- Computer Systems and Networks
- Computer Networking (Currently Enrolled)

## WORK EXPERIENCE

### Software Engineer Intern Stonebranch

01/2020 – 05/2020

Alpharetta, Georgia

Dynamic IT Automation Company

#### Achievements/Tasks

- Deployed a script to upgrade version of Python across various legacy unix and linux systems
- Edited makefiles and bash scripts to enable CI/CD
- Modified C code to fix DNS issues faced by the customer

### Software Engineer Intern Northrop Grumman

06/2020 – Present

Atlanta, Georgia

American global aerospace and defense technology company

#### Achievements/Tasks

- Created Python scripts to programmatically format Excel data and export to SQL

## PERSONAL PROJECTS (ALL AVAILABLE ON GITHUB)

### Marta Rail Realtime Updates (React.js, Node.js, Express.js) (07/2020) [↗](#)

- Web Application made with React.js that provides Marta rail updates in realtime.
- Site: <https://marta-rail.vercel.app/>

### PDFMerger (06/2020) [↗](#)

- Python GUI application that can merge PDF files.

### AutomakeProject (Python) (08/2019) [↗](#)

- Python GUI application that automatically creates a folder for the project, opens up Visual Studio Code and navigates to that folder, and pushes the project to Github (if desired).

### EmChat (Android Studio, Java, Firebase, SQL) (09/2019 – Present) [↗](#)

- [In Progress] Android chatting application with features aimed at boosting productivity.

### HomeAccessCenter (Python, Selenium Webdriver) (08/2019) [↗](#)

- Python script I wrote for my sister which automatically navigates to her school's grading management site, fetches the grades, and emails them in PDF format.