

# Saurav K. Ghosal

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## Education

### **Georgia Institute of Technology, Honors Student | Atlanta, GA**

Bachelor of Science in Computer Science: Intelligence & People threads, GPA 4.0

*Fall 2018 – Present*  
Expected Graduation, Spring 2022

### **Holy Trinity Episcopal Academy | Melbourne, FL**

Awarded STEAM diploma for excellence in Science, Technology, Engineering, Art, and Math classes, GPA 4.86

*August 2012 – May 2018*

## Skills

**Programming Languages:** Java (primary), Matlab, JavaScript, Python, Kotlin

**Communication:** Reports, pitching, presentations, demos, diagramming

**Full-Stack Technologies:** Java Spring, Python Flask, React, Node, Express, MongoDB, HTML, CSS, Android Studio

**Relevant Coursework:** Data Structures and Algorithms, Objects and Design, Linear Algebra, Object-Oriented Programming

## Work Experience

### **Groundswell Startups: Operations Intern | Melbourne, FL**

*May 2019 – August 2019*

*Groundswell Startups is a coworking space and start-up incubator located in Space Coast, FL.*

- Prepared and piloted Groundswell's first formal internship program
- Saved 15 start-ups in the community over 400 total hours of work on small tasks (web design, market research, etc.)
- Created a Slackbot using JavaScript for Groundswell members to tag skills to their Slack profile
- Implemented script in Node and Express, slash commands with MongoDB Stitch, and localtunnel using ngrok

### **Swarmify: Marketing Intern | Melbourne, FL**

*June 2018 – July 2018*

*Swarmify is a start-up company that builds video acceleration software for embedding YouTube videos in browsers.*

- Increased brand awareness through Facebook promotions, blog posts, and marketing tactics
- Developed a Facebook messenger chatbot using ManyChat botbuilder to generate leads
- Reached over 20 potential customers through marketing funnel with chatbot

## Relevant Projects

### **Boys and Girls Club Digital Bus Check-in System | Bits of Good**

*January 2020 - May 2020*

*Bits of Good is a club at Georgia Tech that connects students with local nonprofits by building powerful web apps.*

#### **Front-end Developer**

- Developed a web application in NextJS to check students into the Boys and Girls Club of Atlanta
- Built out bus check-in user interface and attendance history screens with filtering and sorting abilities
- Worked with three other front end developers to create UI with HTML, CSS, and JavaScript

### **Fix This Space Cross Platform App | HackGT**

*October 2019*

#### **Designer/Programmer**

- Designed a cross-platform (web/IOS) app with front-end in React Native and Expo and back-end in Python
- Allowed users to take pictures of 'hostile architecture' and email images to their local government representatives
- Implemented front-end user interface and location-identifying functionality in JavaScript

## Extracurricular Activities

### **Employee at Georgia Tech's Center for Academic Success**

*August 2019 – Present*

#### **Part-Time Paid Tutor**

- Cover topics in Linear Algebra, Object-Oriented Programming in Java, Physics, Discrete Mathematics, and more
- Communicated complex topics through whiteboard demonstrations

### **Bits of Good Bootcamper**

*August 2019 – December 2019*

- Partook in 10-week coding bootcamp program that teaches front-end technologies of ReactJS, HTML, and CSS and version control in Git