

# MARCELO GANDELMAN COSTA

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## EDUCATION

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### GEORGIA INSTITUTE OF TECHNOLOGY

Atlanta, GA

B.S. in Computer Science candidate

August 2017 – May 2021

- **Concentrations:** Intelligence and Information Internetworks
- **Overall GPA:** 4.00/4.00
- **Relevant Coursework:** Intro to Object-Oriented Programming Using Java, Data Structures & Algorithms Using Java, Computer Organization and Programming Using C, Objects and Design – Android Development, Intro to Computer Vision, Computer Systems & Networks, and Intro to Computing Using Matlab.
- **Skills & Technologies:** Java, C, Python, MatLAB, Assembly, JavaScript, CSS, HTML, Android SDK, Android Studio, Swift, GIT, Microsoft Office, Unity, VBA

## WORK EXPERIENCE

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### Computer Organization and Programming Using C

August 2019 - Present

#### Teaching Assistant – Georgia Tech College of Computing

- Lecturing class of 75 students twice a week, creating class material (homeworks, quizzes, exams, coding projects, autograders, lecture guides), and manually grading homeworks and exams.
- Assisting around 250 students in the development and implementation of projects in C, Assembly and CircuitSim in a Linux (Ubuntu) environment, as well as maintaining a collaborative lab space for students to work on problems together.
- Teaching fundamentals of C programming and efficient memory allocation, data structures in C, Assembly programming and circuit design.

### Itaú Unibanco

June 2018 - July 2018

#### Technology and Operations Intern

- Streamlined format of Service Level Agreement for international clients, creating an easily modifiable template (VBA).
- Focused on 20+ international clients (mainly American banks), who operate on the Brazilian market daily.

## PROGRAMMING EXPERIENCE

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### Android App Development – Space Overflow

#### Full Stack Developer and Project Manager

January 2019 – May 2019

- Space trading simulator for the Android platform, developed using Android Studio and the Java language, added libraries to project using Gradle.
- Managed a team of 5 people, delegated tasks and project components, resolved implementation conflicts, and implemented version control using Git and a Github repository.

### In Progress - Bits of Good

August 2019 - Present

#### Bootcamp Member

- Development of web (JavaScript, React, Node.js) and mobile applications for local nonprofits (i.e. payroll management for Bright Future Academy, inventory and volunteer management system for the International Rescue Committee).

### In Progress - Computer Vision and Deep Learning for Android App

August 2019 - Present

#### Full Stack Developer

- Development of TensorFlow based visual detection application in Java, which provides visual assistance to drivers.

**Hackathons:** HackGT, SwampHacks

## ORGANIZATIONAL EXPERIENCE

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### Brazilian Student Association – Social Director

August 2017-January 2018

#### Organization aimed at providing academic, professional and social enhancements to Brazilian and non-Brazilian students

- Joined the Consulate General of Brazil in Atlanta, GT Dept. of Aerospace Engineering, and the Office of International Education in organizing the Embraer company's (third biggest airplane manufacturer in the world) career session at GT.
- Spearheaded efforts in involvement of non-Brazilian students with Brazilian culture through the International Coffee Hour at GT, which helped spread the popularity to those without Brazilian nationality.

**Affiliations:** SHPE (Society of Hispanic Professional Engineers), BRASA, Bits of Good, VGDev, GT College of Computing

**Languages:** Portuguese – native, English – fluent, Spanish – conversational