MARCELO GANDELMAN COSTA

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EDUCATION

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, Assembly, JavaScript, CSS, HTML, Android SDK, Android Studio, Swift, Xcode, GIT, Microsoft Office, Unity, VBA

WORK EXPERIENCE

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 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 programming and efficient memory allocation in C and Assembly, as well as 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

Dyne – HackGT 6 Winning Project   *October 2019*
Back-end Developer and Team Lead
- Winning project at HackGT 6. 1000 total participants. App offers creative new way to order meals at restaurants.
- Coded entire back-end of iOS application in Swift. SwiftyJSON framework for parsing JSON information to and from NCR's Silver and Site API. Git and GitHub for version control.

In Progress - **Bits of Good**   *August 2019 - Present*
Bootcamp Member
- Back-end development of web applications for local nonprofits (i.e. payroll management for Bright Future Academy).
- Development in HTTP, CSS, JS, and Node.js. Extensive use of Git for version control.

In Progress - **Computer Vision and Deep Learning for Android App**   *August 2019 - Present*
Full Stack Developer
- Full stack development of object detection application, which provides visual assistance to drivers.
- Front-end in Java, using Android Studio. Back-end in Python, using TensorFlow for loading and preprocessing data, as well as building, training and reusing models. TensorFlow Lite used for deployment in Android application.
Hackathons: HackGT 5, HackGT 6, SwampHacks

ORGANIZATIONAL EXPERIENCE

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