

Jorge Betancourt

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY Bachelor of Science in Computer Science (2020)

Atlanta, Georgia
August 2016 - Present

- Concentrations: Intelligence and Media
- GPA: 3.44

EXPERIENCE

GOOGLE

Sunnyvale, California

Engineering Practicum Intern

2018

- Advanced an open source ChromeOS distribution with a go-based userland by adding new features to a program management service
- Restructured UI and UX aspects to fit material design concepts for programs used by experimental operating systems
- Pioneered a process to run personalized Linux distributions on Chromebooks while maintaining security using go based programs and firmware overwrites
- Gained insight into advances in machine learning and Google Cloud tools at the Google Cloud Next San Francisco conference where I learned about their applications to education and healthcare technologies

EXOSKELETON AND PROSTHETIC INTELLIGENT CONTROLS LAB

Atlanta, Georgia

Researcher

2017- present

- Researched and developed the design of robotic prostheses and powered exoskeletons
- Developed and created an embedded data acquisition system using electromyography instruments
- Used machine learning concepts to train models on able-bodied movement data for intelligent prosthetic controls

VIDEO GAME DEVELOPMENT CLUB

Atlanta, Georgia

Level Designer/ Programmer

2017- present

- Constructed original games in Unity by integrating the work of such disciplines as software development and art
- Worked in teams during the game development process to meet deadlines for project deliverables
- Designed and reviewed levels to ensure cohesive gameplay and communicated with team members to refine final products

SKILLS

Software: (Proficient) Java, Python, C#, HTML, CSS
(Basic) C, Linux, golang

Technology: Git, Unity, Embedded Systems Design, Junit, Android Studio, Arduino, Bootstrap, Adobe Photoshop

Languages: English, Spanish (native)
French (basic)

ACTIVITIES and ORGANIZATIONS

Awards: Johns Hopkins University MedHacks Wolfram Award
Dean's List

Affiliations: Georgia Tech Student Alumni Association
Georgia Tech Society of Hispanic Professional Engineers

Leadership: JROTC – Command Master Chief
MAST Academy Salsa Club – Captain

2015-2016
2015-2016