

Jorge Betancourt

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EDUCATION

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

Atlanta, Georgia
August 2016 - Present

- Concentrations: Devices and Intelligence
- GPA: 3.34

EXPERIENCE

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
- Implemented circuits in Eagle-Cad to be placed on wearable DAQs

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

UNIVERSITY OF MIAMI DEPARTMENT OF PHYSICS

Miami, Florida

Research Intern

2014- 2015

- Assisted in the assembly of a rocket with the task of analyzing an X-ray hot bubble in our solar system
- Engineered coded systems in Arduino that produced UV resistant films to be placed on the rocket
- Researched and ordered components to be used in the manufacturing of rocket components

SKILLS

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

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