

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

- Assisted in the research and development of robotic prostheses and exoskeletons
- Developed and created an embedded data acquisition system using electromyography instruments
- Designed circuits in Eagle-Cad to be placed on wearable DAQs

VIDEO GAME DEVELOPMENT CLUB

Atlanta, Georgia

Level Designer/ Programmer

2017- present

- Designed original games in Unity by combining the work of many disciplines such as computer science, music, and art
- Learned about the game development process, time management, and how to maintain scope throughout development
- Reviewed level designs to ensure cohesive gameplay and designed levels (Now You See Me, Mount Coldfeather) to be used in the final product of YeggQuest

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
- Designed and 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: Java, Python, C# (proficient), HTML
C, Linux (basic)

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

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