Arelys Alvarez

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EDUCATION

Bachelor of Science – Computer Science   Expected: Spring 2020
Minor in Mathematics
Minor in Mathematical Sciences
GPA: 3.16
Florida International University (FIU), Miami, FL

EXPERIENCE

AI Robotics Automation – Production Support Intern   May 28, 2019 – present
TECDP Program, Cigna, Bloomfield CT

- Support production bots and fix any issues that bots may present
- Assist with deployment of new bots going into production
- Linked production projects with corresponding dependent applications
- Created a bot to automate an internal task that the Production Support team realizes

Undergraduate Research Assistant   May 2018 – May 2019
NUI Labs, Florida International University, Miami FL

- Research and develop 3D User Interfaces, Multi-Modal Interaction, and Virtual & Augmented Reality
- Explore Gesture User Interfaces and how those along with other modalities may improve the user's interaction

Student Grader Assistant – Programming I   March 2018 – May 2018
Florida International University, Miami FL

- Worked in a team to grade assignments, exams, and quizzes based on previous knowledge and experience on the subject
- Provided in code, suggestions for improvement.

TECHNICAL SKILLS

Programming Languages: Java, C, Python, C#
Other technical skills: Unity, HTML/CSS, NodeJS, MySQL, Adobe Photoshop, Git/GitHub, Blender
RPA Automation Software: Blue Prism

VOLUNTEERING ACTIVITIES

Big Sisters Mentorship Program, FIU, Miami FL   September 2018 – December 2018

- Mentor a high school girl to help her design a virtual scene in Code.org
- Inspire the girl to pursue a career in Computer Science

RESEARCH PROJECTS

Vertically Integrated Project (VIP): AR-VR-VE for Computer Science Education, FIU, Miami, FL

- Developed and showcased a Desktop game that aimed at improving self-efficacy in non-computer science students

AWARDS

Ram Reality Create-A-Thon, Colorado State University   October 2018
Won the 2018 Outstanding Artistry Award

- Created a Virtual Reality experience that allows users to interact with different models of eyes across species