

# Arelys Alvarez Padilla

## Computer Science Student

Motivated and analytical developer with a comprehensive knowledge of Agile methodologies, DevOps delivery, web-based applications, and deep technical expertise. Eager to advance my career as a Software Engineer with a technology-oriented organization.

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github.com/Felicity05

## WORK EXPERIENCE

### AI Robotics Automation – Production Support Intern

Cigna

05/2019 – Present

Bloomfield, CT

#### Achievements/Tasks

- Develop a bot that automates internal tasks that the Production Support team is doing manually
- Summer Innovation Project backend technical lead
- Support production bots and fix any issues that bots may present
- Assist with deployment of new bots going into production

### Undergraduate Research Assistant

NUI Lab, Florida International University

05/2018 – 05/2019

Miami, FL

#### Achievements/Tasks

- Developed a 3D video game that aimed at introducing algorithmic thinking to non-computer science students
- Ran VR usability experiments to gather gestures sets with the objective of improving efficiency and overall user experience on virtual environments

### Student Grader Assistant – Programming I

Florida International University

03/2018 – 05/2018

Miami, FL

#### Achievements/Tasks

- 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

## EDUCATION

### Bachelor of Science in Computer Science

Florida International University

08/2016 – Present

GPA: 3.16

#### Minor

- Mathematics
- Mathematical Sciences

## TECHNICAL SKILLS

Python

C

Java

HTML

CSS

Unity

Blue Prism

Photoshop CC

GIT/GitHub

Blender

C#

## ORGANIZATIONS

Upsilon Pi Epsilon (12/2018 – Present)

Inductive Member

WiCS (11/2017 – Present)

Member

## RESEARCH PROJECTS

Vertically Integrated Project (VIP): AR-VR-VE for Computer Science Education (01/2018 – 04/2018)

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

## HONOR AWARDS

Outstanding Artistry Award (10/2018 – 10/2018)

Ram Reality Create-A-Thon, Colorado State University

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

Honorable Mention for Best Technical Stack

(05/2019 – 08/2019)

Summer Innovation Project: Loneliness, TECDP Program, Cigna

- Created a Web application that allowed users to adopt a pet as a means to reduce their feelings of loneliness and help them create meaningful connections

## VOLUNTEER EXPERIENCE

### Big Sisters Mentorship Program

Florida International University

09/2018 – 12/2018

Miami, FL

#### Tasks/Achievements

- 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