Daniel Canas

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EDUCATION

University of Central Florida, Orlando, FL   AUGUST 2015 - MAY 2019
Bachelor of Science

Major: Computer Science
GPA: 3.132/4.00
 Relevant Coursework: Intro to C, Computer Science 1, Computer Science 2, Object Oriented Programming

Terra Environmental Research Institute, Miami, FL
High School Diploma, Cum Laude
GPA: 3.4220/4.0

EMPOYMENT / WORK EXPERIENCE

Lockheed Martin (CWEP) — *College Work Experience Program*

- Have had the opportunity to work at Lockheed Martin through their CWEP program. It has been a great learning experience that has given me a chance to gain real-world industry exposure.
- Has given me experience with working in a team environment in which communication has been key to a projects success.
- Exposure to working on projects with a deadline that require time to be managed effectively between the entire team to meet all requirements and goals.

PROJECTS

Fridg.io — *MangoHacks (Miami, FL)*

- Fridg.io is a mini-fridge with a multitude of smart features. We included a touch screen interface on the outside door, and camera mounted on the inside of the fridge. This camera can recognize the food items inside your fridge and pull recipe information depending on the food you have inside. We also added features such as being able to check the internal temperature with the outside touchscreen, viewing your calendar, and communicating with the fridge via voice commands.
- HTML and CSS were used to create the frontend touchscreen display. The backend was developed using Node.js. We used the Clarifai API for image recognition and the Spoonacular API to gather recipe information, conversions, and different voice commands that were implemented in the fridge.
- I worked on the backend of this project and used the Spoonacular API to display the recipe information that was displayed on the front screen of the fridge. I also helped with the training of the custom Clarifai model that was used to identify the food items in the fridge.

PicPals — *HackFSU (Tallahassee, FL)*

- PicPals is a photo sharing app that allows users to receive photos from others in exchange for one of their own. PicPals operates on a reputation system that enables users who consistently share quality photos to be matched with other users of a similar reputation. The goal of PicPal is to encourage amateur photographers to share their photos with the community while also viewing fellow photographer's pictures.
- Swift is used to create the application natively and the backend is made using Node js, and Express.js. Mongodb was used for our database.
- This project was the first time I worked developing an IOS app natively using Swift. I worked on the UI of the application and sent requests to the server using Alamofire to update UI elements and app views.

SKILLS

Languages: JavaScript, C, Node.js, HTML5, CSS, Swift, Java, Visual Basic

Technical: Microsoft Office, Visual Studio

Other: Native Spanish speaker

Extracurriculars

KnightHacks and ACM (College)

FIRST Robotics Competition (High School)