

Daniel Canas

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EDUCATION

University of Central Florida, Orlando, FL
Bachelor of Science

AUGUST 2015 - MAY 2019

Major: Computer Science

GPA: 3.01/4.00

Relevant Coursework: Intro to C, Object Oriented Programming

Terra Environmental Research Institute, Miami, FL
High School Diploma, Cum Laude

GPA: 3.4220/4.0

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.

danielcanas.com — *Personal Website*

- danielcanas.com is my personal website that was made to show anyone who is interested a little bit about me. The site is a work in progress that contains a home page which gives an easy way to view my resume or contact me, an about me page, and a dedicated contact page.
- The site was made using HTML, CSS, and Bootstrap. JQuery is also used for the contact section of my homepage. The site is hosted on github.com.
- This personal project was a great way for me to further my understanding of HTML, CSS, and Bootstrap. This was my first time using Bootstrap to make a site easily viewable on mobile devices.

SKILLS

Languages: JavaScript, C, Node.js, HTML5, CSS, Swift

Technical: Microsoft Office

Other: Native Spanish speaker

Extracurriculars

KnightHacks and ACM (College)

FIRST Robotics Competition (High School)