

Daniel Castro

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Objective

To obtain a summer internship where I may apply my passion for software engineering to the development of software applications and further my technical knowledge.

Education

University of Florida

B.S. IN COMPUTER SCIENCE, MINOR IN PHILOSOPHY

GPA: 3.1/4.0

Gainesville, Florida

Aug. 2015 - Exp. Dec. 2019

Relevant Coursework: Data Structures, Software Engineering, Database Systems, Operating Systems, AI For Computer Games

Skills

Programming Languages: Java, C/C++, Python, JavaScript, Swift, R, SQL, HTML/CSS

Tools / Frameworks: MongoDB, Express.js, AngularJS, Node.js, NumPy, jQuery, MATLAB, XCode, Processing

Operating Systems: Windows, MacOS, Linux

Foreign Languages: Fluent in Spanish

Projects

PixMap (pix-map.herokuapp.com)

PixMap is an application designed to help connect and share memories around the world. Users are able to upload photos based on their location as well as comment and like photos from all across the globe.

- Implemented image uploading, user comments, and user likes
- Designed Contact Us and About pages using Bootstrap
- Collaborated with a team of 5 members

Gainesville, Florida

Oct. 2018 - Dec. 2018

AI Dots

A simulation where dots must iterate through several generations in order to successfully avoid obstacles and reach the goal.

- Implemented in Processing environment
- Learned about Genetic Algorithm concepts such as calculating fitness, natural selection, and evolution

Gainesville, Florida

Nov. 2018

RGB Color Game

A game where a random RGB value in the format RGB(x,y,z) is presented and the user must successfully identify the correct colored circle based on the RGB value given.

- Implemented in JavaScript
- Learned core HTML/CSS styling concepts

Gainesville, Florida

May. 2017

Work Experience

GatorTec (Apple Premier Partner)

TEAM LEAD / TRAINER

- Diagnosed and resolved customer issues on Apple devices.
- Responsible for opening store and ensuring quality customer service.
- Trained customers one-on-one on how to use their computer or phone.

Gainesville, Florida

Mar. 2017 - Jan. 2019

Involvement

Gator Brazilian Jiu-Jitsu

MEMBER

Gainesville, Florida

Fall 2018 - Present

UF Programming Team

MEMBER

Gainesville, Florida

Spring 2017 - Present