

Daniel Castro

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

Tools / Frameworks: Git, Visual Studio, React, Node.js, MongoDB, Express.js, AngularJS, jQuery, Android, iOS, Processing, Agile, Microsoft Office

Operating Systems: Linux/UNIX, Windows, MacOS

Foreign Languages: Fluent in Spanish

Projects

PixMap (Node.js, AngularJS, Express, MongoDB)

Gainesville, Florida

PixMap is an application designed to help connect users 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.

Oct. 2018 - Dec. 2018

- Implemented back-end functionality such as image posts uploading to MongoDB database and user authentication
- Designed and created Contact Us and About pages with Bootstrap
- Collaborated with a team of 5 members

AI Dots (Java, Processing)

Gainesville, Florida

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

Nov. 2018

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

InstaClone (XCode, Swift, Firebase)

Gainesville, Florida

An iOS app designed to model behavior and functionality similar to Instagram. User is authenticated when logged in and is able to create posts.

Aug. 2017

- Implemented in XCode using Swift
- Utilized Google's Firebase API to implement and manage database
- Learned core app development concepts and design techniques

Experience

GatorTec (Apple Premier Partner)

Gainesville, Florida

TEAM LEAD / TRAINER

Mar. 2017 - Jan. 2019

- 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.

Involvement

Society of Hispanic Professional Engineers

Gainesville, Florida

MEMBER

Fall 2018 - Present

Gator Brazilian Jiu-Jitsu

Gainesville, Florida

MEMBER

Fall 2018 - Present

UF Programming Team

Gainesville, Florida

MEMBER

Spring 2017 - Present