



## Education - Florida International University | BS Computer Science | GPA: 3.5 | Graduation - May 2019

## Work Experience

### Software Developer - Webmaster | FIU College of Engineering and Computing

- Maintain and optimize the Digital Assets Manager. The DAM allows for faculty data, file transfer, and asset sharing all in one central hub. Optimizing the uploading and heavy demand of this web app, which allows the downloading of high quality images and videos. Built on React, Redux, Python, MongoDB.
- Develop and maintain Computer Science Clubs and Faculty Websites using Wordpress and PHP
- Build custom WordPress plugins and custom themes using PHP and Javascript.
- Educate staff and assistants on the use of Wordpress to update, create posts and events using custom plugins developed in house.

### Lead Computer Technician | Geek Squad 2015-2017

- Provided troubleshooting techniques required for high-quality computer and phone repairs.
- Developed relations with clients to provide technical and practical advice to prolong product longevity.
- Repaired Apple phones using Apple industry techniques and tools.
- Inspected unit software with utmost client data integrity.
- Deployed selling strategies which increased margins by 20%
- Developed detailed proposal to minimize turn time

## Projects

### Digital Asset Manager | Media content platform

- Resource platform for storing and organizing images, videos, and other digital files. Developed for FIU CIS staff to share assets on the school server.
- Stores high quality images and videos, and provides access to appropriate school content.
- Built on React as the view engine, Redux to manage app state, Python for AWS upload scripts, MongoDB for storing assets and Redhat linux as deployment server. Uses Docker for containerization due to Redhat linux uncompatibility with newer version of dependencies and frameworks.

### Academia | Project management tool

- Custom plugin, built for Wordpress using PHP, WP generate and Javascript.
- Track and organize your teams tasks, manage groups and increase productivity with The Academia lightweight plugin and flexible user interface.
- Allows team Admins to assign roles to members and optimize their project workflow.

### Intellibot | Marketing campaign bot | SudoStetson 17' Hackathon Winner

- Autonomously perform actions such as tweeting relevant news and events that are pulled from the HackHarrasment website specifically or any website that has content that can be accessed via an API.
- Searches through relevant tweets that may include HackHarrasment news or any website with API Access and retweets them.
- Built using the Twitter API, Node JS, Heroku, and Typescript

## Leadership acquisition

- MangoHacks 17' - Lead Tech Engineer | Responsible for the development of MangoHacks site and mobile application.
- VR Club FIU - CTO | Develop the main site aswell as digital signage and event advertisement.