Forest Plasencia

Aerospace Engineer
Software Development

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ABOUT ME

Strong technical aptitude with work experience in technology fields. Interest in innovation and ability to learn quickly.

EDUCATION

The University of Oklahoma
Aerospace Engineering Major
Control System Research
3.3 Overall GPA

CLUBS

OU Multicultural Engineering
Design Build Fly OU
Sigma Chi Fraternity

SKILLS

Swift
Javascript
C
Matlab / Simulink
Solidworks CAD
Visual Studio
Microsoft Office Suite
FAA Private Pilot

WORK EXPERIENCE

American Fidelity Assurance

Intern – Software Development
January 2017 – May 2017
Work on various teams to build internal applications in Visual Studio. Projects included writing unit tests, updating Angular JS web apps, writing C# services for SQL database, following MVC.

Zayo Group

Technical Intern – Network Control Center
June 2016 – August 2016
Reported to Director of Network Management. Developed script to automate alert process using Python / JavaScript.

Founder LLC – Sooner Launchpad

Co-Owner / CEO
June 2017
Participated in Sooner Launchpad, OU sponsored accelerator. Launched company with peers, acted as Developer and CEO, implemented BMC.

PROJECTS

Quadrotor / Octocopter Research

August 2017 - Present
Undergrad research with Control Systems professor. Developing flight control system in C++. Created octocopter simulator in Matlab (SimMechanics) to demonstrate stable control law.

BackPack - iOS

Full functioning with firebase database. Selected to participate in startup accelerator. Connects students at universities to help the get involved in projects.

Lune - iOS

First app published to AppStore, utilizes the users' location to calculate the position of the moon and display to user in real time.

Ghost - iOS

Created to get familiar with Firebase database. Chat app that anonymously logs in users and allows them to create chat rooms which "self-destruct" after a day.

Autonomous Hovercraft

January 2017 – May 2017
Developed with a group in C on Arduino. Built and coded a hovercraft that successfully solved a maze.