

DUVAL DOLPHIN

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Energetic, dedicated and inquisitive Electrical Engineering student with exceptional research and presentation skills seeking a full-time opportunity that combines engineering and computer programming

EDUCATION

Jacksonville University

Bachelor of Science in Electrical Engineering

Minors: Computer Science and Applied Mathematics

GPA 3.7/4.0, Dean's List 2015-2016, 2017-2018

Jacksonville, FL
Expected: Spring 2020

COMPUTER AND LANGUAGE SKILLS

Programming Languages: C#, C++, C, Python, Dart, PHP

Software: MS Office, LabVIEW, Multisim, MATLAB, Arduino, ArduPilot, Android Studio

Operating Systems: Microsoft Windows OS, Linux, Apple Macintosh OSX

Languages: Spanish and English (fluent speaking, reading, writing)

WORK EXPERIENCE

Research Experience for Undergraduates (REU)

Embry-Riddle Aeronautical University / National Science Foundation

Summer 2018
Daytona Beach, FL

- Conducted research study on Cybersecurity of Unmanned Aerial Vehicles (UAV).
- Developed a wireless aerial surveillance platform to detect unwanted UAVs flying in a target area.
- Set up payload that acts as a Software-Defined Radio using GNU Radio, Raspberry Pi, and radio module (USRP B210).
- Authored paper and Jacksonville, FL

- Deliver STEM-oriented instruction to children ages 4-12 through project-based learning methods.
- Encourage students to develop problem-solving skills through challenging tasks.
- Applied technology to promote