John W Hodson

jhodson@ufl.edu • (727) 348-2899 • http://www.hodsonus.com/

» Objective

To obtain a technical internship in the field of engineering that will allow me to leverage my computer engineering fundamental skills while gaining valuable work experience in a team-oriented environment.

» Education

University of Florida, Gainesville, FL   **GPA: 4.0/4.0**   **August 2016 – May 2020**
- B.S Computer Engineering
- Coursework: Programming 1 and 2, Discrete Mathematics, Circuits 1, Differential Equations, Calculus 3

» Leadership Experience

igniteCS with Google, Gainesville, FL   **January 2017 – Present**
Logistics Director and Mentor
- Manage and coordinate scheduling between Westwood Middle School and our ACE igniteCS team in order to guarantee the success of this year's igniteCS program as Logistics Director
- Aided students working with VEX iQ Robotics, providing guidance in basic programming principles and hardware implementation as mentor

Tower Area Government (TAG), Gainesville, FL   **August 2016 – May 2017**
General Body Member
- Voted on key community issues and helped to improve living conditions for Beaty residents
- Planned and then hosted communal events for the Beaty Towers living area

Kumon Learning Center, Dunedin, FL   **September 2014 – July 2016**
Tutor and Mentor
- Planned and paced coursework for my approximately 15 students
- Specialized in teaching advanced math concepts while also providing additional tutoring in core reading and math
- Honed interpersonal skills through interaction with individuals of varying ages and ethnicities

» Affiliations

Association of Computer Engineers (ACE), Gainesville, FL   **January 2017 – Present**
Member
- Volunteer in outreach events, introducing the local community to STEM concepts
- Participant in career development mentorship program

Artificial Intelligence Club (UFAI), Gainesville, FL   **August 2017 - Present**
Member
- Participant in AI Bootcamp Workshop, gaining exposure to AI and Machine Learning basics

» Projects

FBStatsGenie, VandyHacks IV at Vanderbilt University   **October 20 – 22, 2017**
- Reddit bot that can be queried for the particular end-of-season stat line of an NFL athlete
- Responsible for bulk of the coding and implementation of the *PRAW* and *nflhacks* Python APIs

Tuteering, HackNC at the University of North Carolina at Chapel Hill   **November 3 – 5, 2017**
- Web application that provides a free tutor matching service to underprivileged youth
- Provided implementation of the front-end of our website using Bootstrap and HTML

» Technical Skills and Interests

- **Front-End:** Bootstrap/HTML (Beginner)
- **Back-End:** Java (Competent), C++ (Competent), Python (Beginner)
- Physical Fitness, Spearfishing, and Machine Learning/Data Science