

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: Data Structures and Algorithms, Digital Logic, Discrete Mathematics, Circuits 1, Programming 1 and 2
-

» 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 the Logistics Director
- Aid students in a class of ~30 working with VEX iQ Robotics, providing guidance in basic programming principles and hardware implementation as a mentor

Association of Computer Engineers (ACE), Gainesville, FL

January 2018 – Present

External Outreach Chair and Active Member

- Design, plan, and implement biweekly outreach events for a club with a reach of 800+ members
- One of 11 student leaders responsible for the management and growth of ACE through decision making on key issues
- Oversee the ACE igniteCS with Google program and delegate responsibilities to 5 student leaders (of which I am one)
- Participant in career development mentorship pairing program as an active member

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 the nearly 800 Beaty residents
- Planned and then hosted biweekly 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

Artificial Intelligence Club (UFAI), Gainesville, FL

August 2017 - Present

Member

- One of 15 participants in the 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 *nflgame* 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:** HTML (Beginner)
- **Back-End:** Java, C++, Python (Beginner)
- Physical Fitness, Spearfishing, and Machine Learning/Data Science