John W Hodson

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» 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**
- Bachelor of Science in Computer Engineering
- Coursework: Data Structures and Algorithms, Digital Logic, Discrete Mathematics, Circuits 1, Programming 1 and 2

» Leadership Experience

Google igniteCS, Gainesville, FL **January 2017 – Present**
Logistics Director and Mentor
- Manage and coordinate scheduling between Oak View Middle School and our ACE igniteCS volunteer 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 nearly 1000 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

» Involvement

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 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 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 (fluent), C++ (fluent), Python (beginner)
- Physical Fitness, Spearfishing, and Machine Learning/Data Science