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**
Program Lead and Logistics Director
- Communicate directly with Google and make key decisions on critical aspects of the program as Program Lead
- Manage and coordinate scheduling between Oak View Middle School and our ACE igniteCS volunteer team of nearly 50 mentors in order to guarantee the success of this year's igniteCS program as the Logistics Director
- Aid students in both classes of ~20 each 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
- 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