JOHN W HODSON

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EDUCATION

University of Florida, Gainesville, FL   **GPA: 3.96/4.0**   **August 2016 to May 2020**
Bachelor of Science in Computer Engineering
- Coursework - Algorithm Design, Programming Language Concepts, Object Oriented Programming, Data Structures & Algorithms, Principles of Computer System Design, Database Systems Implementation
- Honors - President's Honor Roll (Spring 2019, Fall 2019), College of Engineering Dean's List (Spring 2018, Spring 2019, Fall 2019), Bright Futures Florida Academic Scholar (100% tuition coverage), Anderson Scholar (top 1% academically, class of 2020)

STUDENT ORGANIZATIONS

Association of Computer Engineers (ACE), Gainesville, FL   **January 2018 to January 2019**
External Outreach Chair
- Planned and implemented biweekly outreach events for a club with a reach of nearly 1000 members.
- One of 11 leaders responsible for the management and growth of the organization via discussion and decision making on key issues.
- Mentor in the career development mentorship program to underclassmen members.

Sigma Nu Fraternity, Gainesville, FL   **January 2019 to January 2020**
Vice President of Administrative Affairs
- One of 4 leaders directly responsible for the management of a member body of over 60 individuals.
- Maintained records and detailed minutes of many dozen meetings over two semesters.
- Assisted in the planning of several philanthropic events, including the annual ΣN Sets and Nets, giving back to St. Jude Children's Research Hospital.

COLLEGE & DEPARTMENT LEADERSHIP

Thomas O. Hunter Leadership Scholarship   **2019 - 2020**
- Awarded by the Herbert Wertheim College of Engineering at the University of Florida to identify 6 future leaders in the field of engineering.
- Leadership Scholarship Award intended to highlight and award those who have displayed exceptional merit in leadership activities and academic scholarship in the department.

Helen E. Khouri Memorial Scholarship   **2019 - 2020**
- Awarded by the Department of Electrical and Computer Engineering (ECE) at the University of Florida for excellence in academics, extracurriculars, and leadership in student organizations.

Matthew Martin Memolo Memorial Scholarship   **2018 - 2019**
- Awarded by the Department of Computer and Information Science and Engineering (CISE) at the University of Florida.
- Awarded to 10 "outstanding" CISE undergraduate students in a department of over 2,500 students.

Ralph Sias Scholarship   **2018 - 2019**
- Awarded by the Department of Electrical and Computer Engineering (ECE) at the University of Florida for excellence in academics, extracurriculars, and leadership in student organizations.

COMMUNITY SERVICE

Google igniteCS, Gainesville, FL   **January 2017 to May 2018**
Program Lead (formerly Logistics Director)
- Met with Google to discuss and make key decisions on critical aspects of the sponsored program, including curriculum development and volunteer recruitment.
- Managed scheduling between Oak View Middle School and our Google igniteCS team of over 30 mentors.
- Aided students in a class size of 20 working with VEX iQ Robotics, providing guidance in basic programming principles and hardware implementation as a mentor.

PROFESSIONAL EXPERIENCE

Microsoft, Redmond, WA   **May 2019 to August 2019**
Software Engineer Intern
- Developed in the C# and .NET environment on Azure's Active Directory, a cloud-based service responsible for managing user identities, access management, and devices.
- Solved a major customer complaint regarding the loss of private BitLocker key data by refactoring API calls and architecting an additional external storage model to decouple the lifetime of two data objects.
- Changed the intrinsic way that the Microsoft Mezzo storage service operates by altering their data synchronization service to sync data objects with a one-to-many instead of a one-to-one relationship.

Ultimate Software, Weston, FL   **May 2018 to August 2018**
Software Engineer - TechStar Intern
- Developed and tested in C# within the ASP.NET framework in a Kanban-Agile environment on UTE (UltiPro Tax Engine), responsible for the collection of over 13,000 tax codes.
- Managed and manipulated UTE's T-SQL database with the use of Microsoft SQL Server.
- Implemented Grafana dashboard to diagnose performance issues with generation and calculation of tax forms in order to better meet SLAs.