

Zachary F. Wyman

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Contact Information:

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EDUCATION

Clemson University - Calhoun Honors College

- B.S. Computer Science - 4.0/4.0 GPA
- Minor in Financial Management

Class of 2019

WORK EXPERIENCE

The Home Depot, Intern

- Built a dashboard to display information about over 44 millions customer records from scratch using full stack methodologies. Deployed the project to PCF and production.
- Developed all back end services (Java) used by the dashboard to create, read, and update records from a DB2 database, as well creating a table and indexes on the database to increase performance by over 90%.
- Created a mobile responsive webpage with drilldown capabilities. Designed the webpage using THD UX style guide, as well as HTML, CSS, jQuery, and Javascript.
- Worked in an agile development environment, practicing test-driven development and paired programming. Participated in iteration planning, retros, and daily stand-ups.

May 2017 - August 2017

Atlanta, GA

Clemson Football Strength and Conditioning, Student Intern

- Investigate player fatigue data through analysis of over 10 demand metrics in order to reduce injuries and increase performance of 28 athletes.
- Adminstrate a mySQL database as a management system with 6 relational tables used to conglomerate sports science data from 4 different sources.
- Created an iPhone app, with no prior app development experience, used by over 100 football players daily to evaluate practices and collect player information.

August 2015 - Present

Clemson, SC

Fraunhofer IESE, Student Intern

- Found and integrated a suitable testing environment for a self-driving tractor program
- Wrote a research paper entitled "Augmenting a Virtual Prototyping Environment with a Domain-Specific Visualization Frontend"

June 2014 - July 2014

Kaiserslautern, Germany

TECHNICAL SKILLS

Proficient Languages: Java, Swift, HTML

Familiar Languages: SQL, C, Javascript, CSS, R

Miscellaneous: Git, mySQL, DB2, Adobe Creative Cloud, Elementary Spanish

EXTRACURRICULARS/LEADERSHIP EXPERIENCE

Order of Omega: VP of Programming (executive board)

Omikron Delta Kappa: Webmaster (executive board)

Phi Gamma Delta Fraternity: Founding Father, Corresponding Secretary (executive board), Philanthropy Chair (former)

Clemson CyberSecurity Club: Treasurer (former) (executive board)

Spiro Center for Entrepreneurial Leadership: Student Advisory Board Member

AWARDS, HONORS, AND CONFERENCES

Male Personal Academic Achievement Award, Clemson University IFC

Outstanding Junior in Computer Science, Clemson University

MIT SLOAN Sports Conference, Boston, MA

FIJI Leadership Academy, St. Louis, MO

GE Ghost Red CTF Hackathon, 6th place out of 16 teams

April 2017

April 2017

March 2017

January 2017

April 2016