

EDUCATION

GPA: 3.963	University of Missouri	Fall 2014 - May 2018
<ul style="list-style-type: none">• B.S. in Computer Science, Minors: Mathematics & Information Technology.• Coursework: Advanced Algorithms; Operating Systems; Advanced Web Dev; Software Engineering; Databases; Object-Oriented Design; Networks; Computer Organization; Discrete Math; Linear Algebra; Statistics		

EMPLOYMENT

Software Engineer, Intern	Cerner, Tiger Institute Living Lab	May 2016 - May 2017
<ul style="list-style-type: none">• Implemented a front-end interface to display the NEDOCS score of an ER.• Deployed in the University of Missouri Hospital in October 2016.• Created a data analytics application to track use cases and errors for client-facing applications.• Created target cases for voice recognition algorithms.		

Course Instructor	University of Missouri	Fall 2015 - Present
<ul style="list-style-type: none">• Designed curriculum and taught three semesters of Computer Science Seminar focused on project-based learning.• Received "Excellence in Teaching" award from the College of Engineering.		

Teaching Assistant	University of Missouri	Spring 2017
<ul style="list-style-type: none">• Taught introductory Algorithm Design course in C.• Created homework and lab assignments for 300 students.		

IT Intern	Quality Computers	Summer 2011
<ul style="list-style-type: none">• Built custom computers for sale.• Performed technical consultations and service calls.		

TECHNICAL EXPERIENCE

Projects

- **Hack Mizzou/Tiger Hacks** (2016-2017) Director of annual hackathon at the University of Missouri. Hosted by ACM and Major League Hacking. Over 200 students competed.
- **OCDX Engine** (2016) Project Manager. Data Analytics application to allow Data Scientists to upload, query, share, and analyze manifest data. Materialize, Python, Flask, MongoDB, Regex
- **DoIT Inventory Management System** (2016) Inventory management system that allows checking in/out of items in inventory, administrator/employee access, and updating of inventory. LAMP, Bootstrap
- **NAE Engineering Grand Challenge** (2014) Worked in a team to propose and design a theoretical solution for the challenge "Prevent Nuclear Terrorism." Presented proposal to the Dean of the College of Engineering.

Languages and Technologies

- C, JavaScript, Java, Git, HTML/CSS, PHP, SQL, Bash, Bootstrap/Materialize, Splunk, UML, Agile, jQuery, D3.js, TCP/IP, Swift, Node.js

ADDITIONAL EXPERIENCE AND AWARDS

- **Dean's High Honor Roll:** (Fall 2014 - Fall 2016) Achieved a 3.5-4.0 Semester GPA for 5 semesters.
- **Association of Computing Machinery:** Executive Officer, Hackathon Director
- **Upsilon Pi Epsilon:** (Fall 2016)
- **Engineering Dean's Scholars:** (Fall 2014 - Present)
- **University Singers:** Executive Technical Officer
- **Missouri Scholars 100:** (Spring 2014)
- **Missouri Scholars Academy:** (Summer 2012)