

EDUCATION

3.984 GPA **University of Missouri** **Graduation: May 2018**

- Bachelor of Science in Computer Science. Minors in Math and Information Technology
- Coursework: Advanced Algorithm Design and Programming; Software Engineering; Databases; Science and Engineering of the Web; Object-Oriented Programming; Computer Networks; Digital Logic; Discrete Math; Calculus 3; Numerical Linear Algebra; Mathematical Statistics

EMPLOYMENT

Software Engineering Intern **Cerner Corporation** **Summer 2016 - Present**
Tiger Institute for Health Innovation

- Implemented a front-end interface for displaying the current NEDOCS score of an emergency room.
- Utilized D3.js, jQuery, jqPlot, JavaScript, HTML and CSS.
- Will be deployed in October 2016 in the University of Missouri Hospital.

Peer Advisor/Instructor **University of Missouri** **Fall 2015 - Present**

- Designed curriculum and taught two semesters of IDS 1001 focused on Engineering and Computer Science.
- Supervised and mentored approximately 60 residents per year.
- Planned events to promote leadership, scholarship, and inclusivity.
- Received "Excellence in Teaching" award for my work as an instructor.

Lab Technician **University of Missouri** **Fall 2014 - Present**

- Provided technological support for lab computers and computer software.

IT Intern **Quality Computers** **Summer 2011**

- Built custom computers for sale.
- Performed IT services in the form of consultations and service calls.

TECHNICAL EXPERIENCE

- **Division of IT Inventory Management System (2016).** Designed and implemented an inventory management system for the Mizzou Division of IT. Allows checking in/out of items in inventory, administrator/employee access, and updating of inventory. Linux, Apache, MySQL, PHP, HTML, CSS, JavaScript, Bootstrap
- **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 department chairs and Dean of the College of Engineering.

ADDITIONAL EXPERIENCE AND AWARDS

- **Dean's High Honor Roll:** Achieved a 3.5-4.0 Semester GPA for Fall 2014 - Spring 2016
- **Upsilon Pi Epsilon:** Selected for membership, Fall 2016
- **Association of Computing Machinery:** Head of Logistics, Fall 2014 - Present
- **Engineering Dean's Scholars:** Fall 2014 - Present
- **University Singers:** Technical Officer, Fall 2014 - Present
- **Missouri Scholars 100:** Spring 2014
- **Missouri Scholars Academy:** Summer 2012
- **Concert Choir:** Concert Master, All-State Choir 2013 & 2014
- **Marching Band:** Section Leader

Languages and Technologies

- C, JavaScript, HTML, CSS, Java, PHP, SQL, Matlab
- UNIX/Bash, Git, NetBeans, jQuery, D3.js, Bootstrap, Ionic