

## EDUCATION

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<b>GPA: 3.969</b>	<b>University of Missouri</b>	<b>Fall 2014 - May 2018</b>
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- **B.S. in Computer Science**, Minors: Mathematics & Information Technology.
- Advanced Algorithms; Operating Systems; Advanced Web Dev; Software Engineering; Databases; Object-Oriented Design; Networks; Computer Organization; Discrete Math; Linear Algebra; Statistics

## EMPLOYMENT

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<b>Software Engineer, Intern</b>	<b>Amazon</b>	<b>May 2017 - August 2017</b>
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- Kindle Rendering for the Web

<b>Software Engineer, Intern</b>	<b>Cerner, Tiger Institute Living Lab</b>	<b>May 2016 - May 2017</b>
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- 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.

<b>Course Instructor</b>	<b>University of Missouri</b>	<b>Fall 2015 - Present</b>
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- Designed curriculum and taught three semesters of Computer Science Seminar focused on project-based learning.
- Received Excellence in Teaching award for two years.

<b>Teaching Assistant</b>	<b>University of Missouri</b>	<b>Spring 2017</b>
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- Taught introductory Algorithm Design course in C.
- Created homework and lab assignments for 300 students.

## TECHNICAL EXPERIENCE

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### 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, Java, JavaScript, HTML/CSS, Git, PHP, SQL, Bash, Bootstrap/Materialize, React, TypeScript, Android, Splunk, UML, Agile, jQuery, D3, TCP/IP, Swift, Node.js, Express.js

## ADDITIONAL EXPERIENCE AND AWARDS

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- **Dean's High Honor Roll:** (Fall 2014 - Spring 2017) 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:** (Fall 2014 - Present) Technical Officer
- **Missouri Scholars 100:** (Spring 2014)
- **Missouri Scholars Academy:** (Summer 2012)