

## EDUCATION

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<b>GPA: 3.969</b>	<b>University of Missouri</b>	<b>Fall 2014 - May 2018</b>
<ul style="list-style-type: none"><li>• <b>B.S. in Computer Science</b>, Minors: Mathematics &amp; Information Technology</li><li>• Advanced Algorithms; Operating Systems; Advanced Web Dev; Object-Oriented Design; iOS Development, Computational Intelligence, Software Engineering; Databases; Networks; Computer Organization</li></ul>		

## EMPLOYMENT

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<b>Software Engineer, Intern</b>	<b>Amazon</b>	<b>May 2017 - August 2017</b>
<ul style="list-style-type: none"><li>• Kindle Rendering for the Web</li><li>• Created the user interface, database, and controller logic for a production Android application.</li></ul>		

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

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

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

## 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/TypeScript, HTML/CSS, PHP, SQL, Swift
- Git, React, Android, Bash, Bootstrap, jQuery, D3.js, Vue.js, Node.js, Express.js, Splunk, UML, Agile

## 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 6 semesters.
- **Association of Computing Machinery:** (Fall 2014 - Present) Executive Officer, Hackathon Director
- **Upsilon Pi Epsilon:** (Fall 2016 - Present)
- **University Singers:** (Fall 2014 - Present) Technical Officer
- **Missouri Scholars 100:** (Spring 2014)
- **Missouri Scholars Academy:** (Summer 2012)