Holt Skinner

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EDUCATION

GPA: 3.963	University of Missouri	Fall 2014 – May 2018

- **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

- 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

- 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	Fall 2016 – Present

- Taught introductory Algorithm Design course in C.
- Created homework and lab assignments for 300 students.

IT Intern	Quality Computers	Summer 2011

- 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)