

ROBERT TRUESDALE III

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EDUCATION

Expected in May 2021

Bachelor of Science: Computer Science University of Missouri - Columbia | Columbia, MO

- Dean's High Honor Roll Spring 2019, Fall 2019, Spring 2020, Fall 2020

EXPERIENCE

Oct 2018 - May 2019

Research Assistant

University of Missouri-Columbia - Columbia, Missouri

May 2019 - Aug 2019

Intern Software Developer

Digital Ally Inc. - Lenexa, Kansas

Nov 2020 - Current

Intern Web Application Developer

Streamline - Columbia, Missouri

- Worked with a team of other developers to implement Open-Source Software metric definitions into a working example called Augur
- Learned Vue.js, Flask, and Python to develop both frontend and backend features, including visual interface redesign and command line enhancements
- Used Node.js to develop and test a new software and interface to be used nationwide by police force to record and capture incidents
- Learned Node.js to test the new software and product, as well as redesigned frontend navigational menu for web application, which is still in use as the main method of navigation throughout the software
- Worked with a team of intern developers to develop an events mobile hybrid web application, with multiple variations to suit different clients
- Utilized Angular 6 and Ionic 6 to develop and deploy different variations. This application will be used for the Missouri Bicentennial and a different variation will be used by the University of Missouri-Columbia in 2021

SKILLS

- Advanced: Python, Shell, JavaScript, Node, React, Angular, Ionic, Vue, CSS, HTML
- Intermediate: Flask, C#, Java, MySQL, PostgreSQL, C, Swift, Go
- Other: Software architecture design, database design, test-driven development, project management, Agile principles

PROJECTS

- **Townum**, May 2020 - Current: Lost internship due to COVID-19, instead started development of web application called Townum with group of students using Angular and Ionic. Still in development
- **CAPSTONE**, Aug 2020 - Current: Worked with team of students, CBB, T-Squared, and DASH Inc. to develop frontend of a mobile hybrid web application to be used statewide in Missouri to display crash analytics report and road safety data. Utilized Angular and React.js for frontend features
- **RESEARCH**, Aug 2020 - Current: Research conducted under Professor Musser, learned GoLang and developed with Spot® using python

REFERENCES & PORTFOLIOS

- GitHub: github.com/tretrue
- LinkedIn: linkedin.com/in/tretrue
- References readily available upon request.