

Tyler McCall

Denton, TX

682-201-8556

tylermccall14@yahoo.com

GitHub: <http://www.github.com/TylerMcCall14>

Portfolio: www.mccalltyler.com

LinkedIn: <http://www.linkedin.com/in/tyler-mccall>

>LANGUAGES AND TECHNOLOGIES

Proficient: JavaScript, ReactJS, Node.js, Express, Firebase, C++, C, HTML5, CSS3, React Native, SQL, SQLite, REST API, Material UI, Linux/Unix, AWS

Exposure: Python, MongoDB, Git, Cadence Virtuoso, Java, Bash Scripting, ksh scripting

>EDUCATION

Bachelor of Science in Computer Engineering, University of North Texas, Denton

August 2019 - May 2022

- Focus of study in cybersecurity accompanied by a minor in mathematics
-

>WORK EXPERIENCE

Full Stack Software Engineer Intern, Gesture

July 2021 – December 2021

- Worked in an Agile environment utilizing Scrum to develop products, features, and bug fixes aligned with tight deadlines and company vision
- Improved customer UI/UX through front-end development using ReactJS on multiple web applications and the Gesture mobile application
- Created and maintained multiple APIs used to connect improved front-end to back-end regarding sending gifts to a specific person

Frame DRC Intern, GlobalFoundries

November 2021 – Current

- Worked within the semiconductor industry to create DRC rulesets to check if client's semiconductors followed all rules to create correct and efficient chips
 - Automated the creation of the DRC code through python and ksh scripts to improve productivity within the team by 27% to focus on greater tasks
 - Used Unix and command line daily to create DRC, collaborate on different files and projects, and access programs to view semiconductor layouts
-

>PROJECT WORK

Today's Jump-Start | <https://tinyurl.com/T-Jump-Start> | <https://tinyurl.com/T-J-S-GitHub>

May 2021

A Google Chrome extension that comes in the form of a to-do list to boost productivity.

- Delivered a JavaScript application that allows the addition and removal of to-do daily action items to boost productivity
- Utilized chrome developer tools and the chrome extension database to save action items account-wide on Google
- Created a progress bar that updates on the completion of action items with smooth animation while taking each action item added or removed into calculation