Curtis Green

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Addison, TX

SKILLS

Languages: Scala, JavaScript/TypeScript, SQL, C++, Python
Technologies: React.js, Next.js, Node.js, PostgreSQL, MongoDB

WORK EXPERIENCE

Tillion Digital
Software Engineer   2021 - Present
- Developed backend APIs for a ticket sales dashboard application and scheduled jobs that distribute, synchronize, and price tickets on many 3rd party integrations using Scala
- Wrote SQL queries to interface with our APIs as well as updating schema and populating data in our Postgres database
- Worked with a designer and team members to create new features for our web application in React

Lockheed Martin
Associate Software Engineer   2019 - 2021
- Developed C++ software models for F-16 flight simulators in an MVC system
- Redesigned simulation UI and other tools using GTK in C++/Python
- Created tools for QA to streamline testing procedures
- Investigated and fixed bugs in production code
- Drove the transition from waterfall to agile by training coworkers on story creation and management
- Wrote guides on code organization and team workflow to help new hires

EDUCATION

Texas A&M University
B.S. in Computer Engineering (GPA: 3.6)   2018
Minor: Japanese

Osaka University (Osaka, Japan study abroad)   2017
Business Proficiency in Japanese (Passed Japanese Language Proficiency Test N2)

PROJECTS

Clash Tips *(JavaScript | Next.js, MongoDB)* [[Website](#)]
- Created and continue to maintain a web app for viewing League of Legends tournament statistics to help draft against upcoming opponents
- Interface with official game APIs and store aggregate data in MongoDB's Atlas Cloud

DATA Website *(JavaScript | Next.js)* [[Code](#)][[Website](#)]
- Made and hosted website for Dallas Area Transit Alliance (DATA) advocacy group

Open Sidewalk Map *(JavaScript | Next.js)* [[Code](#)][[Website](#)]
- Created a website to pull sidewalk geometry and display it over satellite imagery

RS Clicker *(JavaScript | Phaser)* [[Code](#)][[Website](#)]
- Developed a RuneScape themed clicker game. Defeat different enemies, collect items, level up skills, and unlock new areas

Attendance Tracker *(JavaScript, SQL | Node, React)* [[Code](#)]
- Created an attendance tracking product and service that allows students to swipe in using their student IDs and automatically be logged for attendance in the ongoing course
- Professors can register their classes through a website and start/end attendance by swiping their own ID on the device