Curtis Green

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WORK EXPERIENCE

Lockheed Martin
Software Engineer   02/2019 - Present
- Developed C++ software models for F-16 flight simulators under the Labs and Technical Services
- Assisted in improving the agile process by taking on scrum master duties

Laboratory for Embedded & Networked Sensor Systems (LENSS TAMU)
Software Developer (IoT for Smart Homes project)   05/2018 - 11/2018
- Created a Node.js server using AWS for brokering MQTT messaging for remote devices and registering with MongoDB
- Updated previous C++/Arduino code to add features, improve reliability, and increase readability

Texas A&M Engineering Extension Service (TEEX)
IT Support   06/2016 – 05/2017
- Provided solutions to a variety of IT issues for company employees
- Acted as technical support for customers taking online courses

EDUCATION

Texas A&M University (TAMU), College Station, Texas
Bachelor of Science in Computer engineering   12/2018
Minor: Japanese
Overall GPR: 3.6
Study Abroad: Osaka University, Osaka, Japan   03/2017 – 08/2017

PROJECTS

Attendance Tracker (JavaScript, SQL | Node.js, React.js RaspberryPi)
- Created an attendance tracking product and service that allows students to swipe/scan in using their students IDs and automatically be logged for attendance in the ongoing course

Twitter Service (C++ | gRPC)
- Created a distributed client/server twitter service

RS Clicker (JavaScript | Phaser)
- Developing a RuneScape themed clicker game using JS/Phaser

Sentiment Analysis (R | SVM)
- Analyzed twitter data using machine learning and TF-IDF

Sensor Network (Python | Raspberry Pi)
- Constructed a Bluetooth network to track watering plants

PseudoSQL (C++)
- Implemented relational database engine and parser in C++

Bananas with Attitude: made at Chillennium 48-hour game jam (C# | Unity)
- Built a game where you play as a banana and have to avoid all moving gorillas

OTHER

Japanese Language Club
Conversation practice & meeting leader   10/2014 - 12/2018
- Created lessons and activities for Japanese learners
- Led weekly meetings with exchange students and A&M language learners

Japanese Language and Proficiency Test (JLPT): N2   12/2019