Tyler N Scott

Software Engineer Sr

Personal Info

Location
Castle Rock, CO, 80109

Phone
720-557-0985

E-mail
tyler.scott.cs@gmail.com

LinkedIn
https://www.linkedin.com/in/tylerscottcs

Skills

- Advanced knowledge of C/C++, Python, Django, ReactJS, Docker
- API design knowledge
- Embedded Software Development
- Operating Systems
- Continuous Integration and Deployment
- Git Guru
- UML Diagramming
- Technical Documentation

Top Languages

Python	|	native
C++	|	superior
React	|	superior
Docker	|	superior
PostgreSQL	|	average

Enthusiastic Senior Software Engineer with competencies in Python, C++, JavaScript, and Docker . Considered talented leader when guiding teams and performing design oriented tasks. Offers 4 years of software development expertise. Very Interested in machine learning opportunities.

Work History

Oct 2019 - current

Software Engineer Sr
Lockheed Martin Space, Littleton, CO

- Lead designer on EPIC FSW pipeline, devops, and containerization efforts.
- Contributed ideas and suggestions in team meetings with project managers and team leads and delivered designs and enhancements.
- Assisted in major dependency injection refactor of EPIC FSW, and bringing all tests online in CI.

June 2017 - Oct 2019

Embedded Software Engineer
IMSAR LLC, Springville, UT

- Developed object-oriented software, including sensor command and control software for use in sar/mti data collection.
- Oversaw major new enhancements to existing software systems, especially in system state and mode transitions.
- Refactored/simplified the communications interface and designed json based api for sensor control software.
- Designed a debian package bundler to deploy software onto the sensors.
- Contributed ideas and suggestions in team meetings with project managers and team leads and delivered designs and enhancements.
- Documented the control interface and system state transitions and trained multiple employees.
- Primary developer and support in several additional projects from web based tools to devops and automation.
- Designed a major portion, implemented, refactored, and solo supported the ERP system in use.

April 2017 - June 2017

Freelance Programmer
Self-Employed, Littleton, CO

- Designed new mobile app (incomplete)
- Self taught React-Native

April 2016 - Sept 2016

Software Engineering Intern
Instructure Inc. Cottonwood Heights, UT

- Designed and implemented new features in the Gauge quiz application, specifically the Essay question type
- Assisted development of new features for the gradebook system in Canvas LMS
- Participated in several coding competitions and developed a standalone rich content editor during a hackweek
- Self taught several new programming languages (ruby, react, docker)

Education

Sept 2010 - May 2011

Bachelor of Science: Computer Science
BYU-Idaho, Rexburg, ID

- I took 2 years off to serve a volunteer service mission for my church.

May 2013 - April 2017

- I completed extra Computer Engineering courses which is where I developed my love of Embedded Systems.