Tyler N Scott

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EDUCATION

Bachelor of Science - Computer Science   Graduation: April 2017
Brigham Young University – Idaho   *Rexburg, ID*

Projects:

- MSP430 Gameboy
- Truth Table Generator
- Super Recruiter
- Laser Tag Robot Tanks
- TripCast
- Von Neumann Architecture Demo
- Canvas (Internship)
- Quizzes.Next

Relevant Courses:

- Object-oriented Software
- Data Structures
- Software Design and Development
- Web Engineering
- Software Engineering
- Computer Architecture
- Microprocessor Based Systems
- Intro to Robotics
- Embedded Systems

SKILLS/LANGUAGES

Backend:

- Assembly
- C/C++
- Java
- Python
- Ruby
- PHP
- MySQL

Frontend:

- HTML/HTML5
- XML
- CSS3 & BootStrap
- JavaScript
- ThreeJS
- React (JSX)
- CoffeeScript

WORK EXPERIENCE

Software Engineering Intern   April 2016 – September 2016
Instructure | Canvas + Quizzes.Next   *Cottonwood Heights, UT*

- Fixed miscellaneous bugs on Canvas LMS and the new developing Quizzes product
- Developed the Essay Question type for the new Quizzes product
- Built a Rich Content Editor on DraftJS during a hackweek project

Assistant System Administrator |Documentation Expert   March 2015 – April 2016
Brigham Young University – Idaho / IT Infrastructure   *Rexburg, ID*

- Demonstrated leadership by supervising development and documentation of new procedures
- Took initiative to master other job roles in the department exceeding management expectations
- Reviewed, revised, and updated current procedures to ensure optimal use
- Resolved various campus computer issues and protected Data Center security

Teachers Assistant   October 2014 – January 2015
Brigham Young University – Idaho / Computer Science Department   *Rexburg, ID*

- Graded programming assignments, large projects, and tests for 3 separate classes
- Volunteered additional hours as a tutor in the Linux Lab
- Demonstrated debugging skills by finding and fixing errors in other students' code quickly and correctly

VOLUNTEER SERVICE

Full-time Volunteer Representative   May 2011 – May 2013
The Church of Jesus Christ of Latter-day Saints   *Ventura, CA*

- Increased self-discipline through 10-14 hours of daily service and personal study
- Prepared and taught weekly lessons for interested investigators
- Trained new volunteers to improve their teaching skills

ACHIEVEMENTS

Eagle Scout Rank   October 2008
Boy Scouts of America   *Denver, CO*

- 300-hour project involving extensive designing, planning and managing 47 volunteers in the construction of a shelter over a rifle shooting range