

# Tyler N Scott

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## EDUCATION

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Bachelor of Science - Computer Science

*Brigham Young University – Idaho*

Graduation: April 2017

*Rexburg, ID*

### Projects:

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

### Relevant Courses:

- Object-oriented Software
- Data Structures
- Software Design and Development
- Web Engineering
- Software Engineering
- Computer Architecture
- Microprocessor Based Systems
- Embedded Systems
- Machine Learning & Data Mining

## SKILLS/LANGUAGES

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### Backend:

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

### Frontend:

- HTML
- XML
- CSS3 & BootStrap
- JavaScript
- Three.js
- React.js (JSX)
- CoffeeScript

## WORK EXPERIENCE

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### Software Engineering Intern

*Instructure | Canvas & Quizzes.Next*

April 2016 – September 2016

*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

*Brigham Young University – Idaho | IT Infrastructure*

March 2015 – April 2016

*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

*Brigham Young University – Idaho | Computer Science Department*

October 2014 – January 2015

*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