# Tyler N Scott

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## EDUCATION

**B.S. Computer Science**  GPA: 3.3  Graduation: April 2017
*Brigham Young University – Idaho*  *Rexburg, ID*

**Projects:**
- MSP430 Gameboy (C)
- Truth Table Generator (Java)
- Super Recruiter (PHP)
- Laser Tag Robot Tanks (Python)
- TripCast (Java, JavaScript)
- Von Neumann Architecture Demo (JavaScript)
- Canvas (Ruby on Rails, CoffeeScript, React)
- Quizzes.Next (Ruby on Rails, React)
- Shift (Python)
- Arcane (Python, Django, React, Redux)

**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
- Software Methodologies and Testing

## SKILLS/LANGUAGES

**Backend**:
- Assembly
- C/C++
- Java
- Python, Django
- Ruby
- PHP
- MySQL

**Frontend**:
- HTML
- XML
- CSS3 & BootStrap
- JavaScript
- Three.js
- React.js (JSX), Webpack, Redux
- CoffeeScript

## WORK EXPERIENCE

**Software Engineering Intern**  April 2016 – September 2016
*Instructure | Canvas & Quizzes.Next*  *Cottonwood Heights, UT*
- Fixed various bugs on Canvas LMS and the new developing Quizzes.Next product
- Developed the Essay Question type for the new Quizzes.Next 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