

# Tyler N Scott

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## EDUCATION

### B.S. Computer Science

GPA: 3.3

Class of 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:

- Django (.5yr)
- C/C++ (5yrs)
- Java (4yrs)
- Python (3yrs)
- Ruby (.75yr)
- PHP (2yrs)
- MySQL (.5yr)

#### Frontend:

- HTML (4yrs)
- Node (1yr)
- CSS3 & BootStrap (4yrs)
- JavaScript (4yrs)
- ThreeJS (1yr)
- React (1yr)
- Redux (1yr)

## 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

