

# Elijah Grubb

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**EDUCATION**      **B.Sc. Computer Science**      Expected: Spring 2018  
University of Utah      *Salt Lake City, UT*  
Overall GPA: 3.724/4.0  
Major GPA: 3.727/4.0

**RESEARCH**      **Undergraduate Research Assistant**      September 2016 – Present  
**EXPERIENCE**      University of Utah, School of Computing      *Salt Lake City, UT*

With Professor Eric Eide as a part of the Flux Research Group, September 2017 – Present

- **Emulab: An Integrated Experimental Environment for Distributed Systems and Networks**

Working to bring Docker support to Emulab, a network testbed for controlled experiments in computer science. Testing methods for maintaining the features of Docker's lightweight containers while integrating Emulab's debugging and deployment capabilities. Implemented an automated process for installing Emulab's "client-side" software on Alpine Linux Docker images.

With Professor Feifei Li as part of the Data Group, September 2016 – May 2017

- **STORM: Spatio-Temporal Online Reasoning and Management of Large Data**

Responsible for systems bringing in large amounts of data from Twitter. Worked on a generic import function into the application to let others upload their own spatio-temporal data.

- **Compass: Spatio Temporal Sentiment Analysis of US Election**

Applied sentiment analysis systems to a massive data store of tweets to find political tweets and assign them to their appropriate county.

**PROFESSIONAL**      **Software Engineering Intern**      May 2017 – August 2017  
**EXPERIENCE**      Qualtrics      *Provo, UT*

- Built a full stack application from scratch based on engineering needs
- Participated in thorough code reviews of several projects
- Designed a scalable system architecture from the ground up

**Technology Summer Analyst**      June 2016 – August 2016  
Goldman Sachs      *Salt Lake City, UT*

- Designed and built a backend application based on corporate needs
- Worked with full time engineers to build efficient RESTful APIs quickly
- Leader for younger interns in the product development life cycle

**Software Engineer Intern**

March 2015 – May 2016

Spillman Technologies

*West Valley City, UT*

- Developed new technology at the heart of Spillman software
- Fixed customer-reported bugs found inside of the core system
- Coordinated with other developers to arrive at viable solutions

**TEACHING  
EXPERIENCE**

**Teaching Assistant**

- **Database Systems** (University of Utah – CS5530), Spring 2017

**AWARDS &  
HONORS**

- 6x Dean's List, University of Utah, Fall 2014 – Present
- Top 4 Finish, Internal Goldman Sachs Hackathon, Summer 2016
- 3rd Place, University of Utah Hackathon co-hosted by U of U ACM, Fall 2015
- Honors at Entrance Academic Scholarship, University of Utah, Fall 2014
- AP Scholar with Distinction, The College Board, Summer 2014
- Eagle Scout, Boy Scouts of America, Spring 2014