

# Austen Gee

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## Projects

- Lit Lives (Ruby on Rails | ReactJS | Flux | postgresSQL) ([github](#) | [live](#))
  - ◆ Ruby on Rails backend uses Active Record to communicate with postgresSQL database and store users book selections and notes.
  - ◆ Utilizes google books API to generate custom search based on user input
  - ◆ Single-page ReactJS front-end utilizes Flux architecture to manage state.
- Democracy (ReactJS | Bootstrap | Chart.js)([github](#) | [live](#))
  - ◆ single-page react app utilizing to help users decide what do for the crazy 2016 presidential election.
- Caging Cage (JavaScript) ([github](#) | [live](#))
  - ◆ Timed point-and-click browser game built using only vanilla JavaScript, HTML, and CSS. No outside libraries are utilized.
- VBA projects at REI
  - ◆ Analyzed data from coal power plants to minimize environmental impact
  - ◆ Created user interface to accept, analyze, and, graphical display inputs and CFD data.

## Skills

- Ruby, Rails, VBA, Javascript, R, MatLab, ReactJS, SQL, HTML

## Education

- Graduated App Academy (San Francisco, CA), January – March 2016
  - ◆ Full-Stack web development course
  - ◆ Acceptance rate < 3%
  - ◆ Built my own ruby framework as well as various other projects
- B.S. Mechanical Engineering, Brigham Young University (Provo, UT), 2012
  - ◆ Cum Laude, 3.87 GPA
  - ◆ Minor in Mathematics; programming courses in C++ and Java

## Work History

- Ruby tutor at App/Academy San Francisco CA, 2016
  - ◆ JavaScript/Ruby tutoring
  - ◆ TA for bootcamp prep course (JavaScript)
- Freelancer/English and Science Teacher 2013 – 2015
  - ◆ Taught Math, Science, and English at Capital Hill Academy (Salt Lake City), and LMT college in Mae La, Thailand, as well as tutoring for various other people/organizations.
- Engineer at Reaction Engineering International (Salt Lake City, UT), 2012
  - ◆ Supported three VBA programs I built for Reaction Engineering international
  - ◆ Wrote various VBA based programs for data input and analysis of coal power plants
- Math Tutor, Brigham Young University Math Lab (Provo, UT) 2005-2012
  - ◆ Tutored Calculus, Linear Algebra, Multivariable Calculus, Differential equations and more.