

Andrew Yueh

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SKILLS

React.js
Redux
ES6 & ES7
Webpack
Babel
JavaScript
Ruby on Rails
Ruby
HTML/CSS
SQL
R
Rspec
jQuery
Git

SOFTWARE PROJECTS

react-on-images-loaded | npm Package **Demo** | **npm**

- An npm package to control how a component renders when all images are loaded.

InterestMe | Full Stack Web App **Live** | **Git**

- A React.js + Redux frontend with RESTful API backend using Ruby on Rails.

Fireworks.js | JavaScript-only Web App **Live** | **Git**

- Fireworks simulator written in ES6 syntax and with modular code.

Search and Sort | React.js Web App **Live** | **Git**

- Visually explains sorting and searching algorithms.
- Collaborated with 2 other programmers and utilized Git for version control.

EXPERIENCE

Graduate Researcher: Statistical Analysis of Petrochemical Technologies

Texas A&M University (Aug 2014 – Dec 2015)

- Pioneered data mining techniques in research group. A fundamental switch from normal polynomial regression.
- Elucidated an 8.2% decrease in theoretical production costs of jet fuel.

Graduate Teaching Assistantships

Texas A&M University (May 2014 – Dec 2015)

- Planned, designed, and presented supplementary lectures (two hour sessions) twice a week.
- Proctored student labs and worked with them to resolve issues with lab materials.

EDUCATION

MS Chemical Engineering

Texas A&M University (Sept 2013 – Dec 2015)

BS Chemistry

University of California, Santa Cruz (Sept 2008 – Aug 2012)