

# JIN CHEN

 Berkeley, CA

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 [jinchen.io](http://jinchen.io)

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## SKILLS

JavaScript

React

Redux

Vue.js

Ruby

Rails

SQL

HTML

CSS

SCSS

Git

## PROJECTS

### Reedy ( [Link](#) | [Github](#) )

*React, Redux, Rails, PostgreSQL*

*Full stack web app that aggregates full length articles from RSS feeds*

- Implemented automatic updates of RSS articles by designing scheduled server task jobs that fetch and parse data from JSON APIs
- Built the entire user authentication and cookies system from scratch using the bcrypt hashing function and securely generated session tokens
- Designed responsive asynchronous searching with AJAX and Promises that updates current results based on real time user inputs

### Bundle! ( [Link](#) | [Github](#) )

*React, Redux, Rails, PostgreSQL*

*Full stack web app that bundles content from Youtube, Reddit, and Twitch*

- Built parsing algorithms to extract, filter, and present data from Youtube, Reddit, and Twitch's JSON API
- Implemented real time viewer counts and content updates served through non blocking AJAX requests

### Synopsis ( [Link](#) | [Github](#) )

*Vue.js*

*Machine learning visualizer that trains a neural network live to recognize handwriting*

- Transformed raw data coming from the computational layer of the app into informative visualizations with HTML5 canvas
- Designed a modular Vue.js app architecture which facilitated feature branch workflow between team members

### Boxfield ( [Link](#) | [Github](#) )

*HTML, CSS, JavaScript*

*An HTML5 Canvas game inspired by Cubefield*

- Built entire app from scratch without using any external libraries

## WORK EXPERIENCE

### Sakura Finetek USA (South San Francisco, CA)

Jul 2015 to Mar 2017

#### Associate Scientist

- Led the migration of legacy inventory and customer ERP data from the NetSuite system to the new Oracle system
- Developed VBA scripts to automate generation of manufacturing and QC documents which resulted in faster and less error prone document changes
- Developed and fine-tuned new manufacturing processes to bring the Tissue Tek Genie product onto the market by the launch deadline

### UCD Plant Biology (Liu Lab) (Davis, CA)

Mar 2013 to Jun 2015

#### Undergraduate Researcher

- Created new cell imaging data analysis protocols for the lab using the open source software ImageJ
- Processed research data outcomes and findings into consumable electronic formats for research papers

## EDUCATION

### App Academy (San Francisco, CA)

Mar 2017 to Jun 2017

- Full stack software engineering program with < 3% acceptance rate

### University of California, Davis (Davis, CA)

Sep 2011 to Jun 2015

- B.S. Biochemistry & Molecular Biology