

JIN CHEN

 Berkeley, CA

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 jinchen.io

 [Github](https://github.com/jinchen93)

 [LinkedIn](https://www.linkedin.com/in/jinchen93)

SKILLS

JavaScript

React

Redux

Vue.js

Ruby

Rails

SQL

HTML

CSS

SCSS

Git

NPM

Webpack

Mocha

Chai

Sinon

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