JIN CHEN

Software Engineer

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jinchen.io
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SKILLS

JavaScript
React
Redux
Vue.js
jQuery
Ruby
Rails
SQL
HTML
CSS
SCSS
Git

PROJECTS

Reedy (reedy.jinchen.io) (Git)   *React, Redux, Rails, PostgreSQL*

Single page application 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

Synapsis (synapsis.jinchen.io) (Git)   *Vue.js*

Machine learning visualizer that trains a convolutional neural network to recognize handwriting

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Bundle! (bundle.jinchen.io) (Git)   *React, Redux, Rails, PostgreSQL*

Single page application that aggregates 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

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