Kylan Wong

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SUMMARY

Full-stack web developer with a passion for creating clean and functional web apps.

EXPERIENCE

Research Associate
Omniome, Inc.   **June 2019 - August 2020, San Diego, CA**
- Led service group of Biochemistry department: assist departments cross-company through production of sequencing precursors.
- Coordinate and troubleshoot across groups - surface chemistry, technical support, engineering.
- Collect, analyze, and present monthly sequencing/bioinformatics metrics.
- Onboard new group members with technical training on instrumentation and process flow.
- Write and update basic python scripts for data analysis.

Drug Substance Manufacturing Associate
Ajinomoto Bio-Pharma Services   **May 2018 - June 2019, San Diego, CA**
- Maintain strict GMP and GDP compliance – up to date SOP training, precise and efficient execution of process batch records.
- Co-led 45 successful runs of homogenization processes – organized material, equipment, batch record and personnel needs.
- Reduced documentation errors by 55% by implementing end-of-day batch record reviews.
- Awarded Drug Substance employee of the month for GDP compliance, technical expertise, and communication skills.

PROJECTS

WhereDoWeEat
- A full-stack single-page application where users can rate restaurants, create a party of friends, and receive personalized recommendations based on the party's preferences.
- Responsively designed and powered by Yelp's Fusion API.
- Created with React, Rails, HTML, CSS.

OdinFacebook
- A Facebook clone featuring friending, posting, commenting, liking, and profile image upload.
- Responsive design and integrated Facebook login option.
- Created with full-stack Ruby on Rails, HTML, CSS.

Chess
- A game of Chess playable on the command line.
- Features the full Chess ruleset, including en passant, castling, promotion, etc.
- Features saving to/loading from a local .txt save file.
- Written in Ruby, with a full test suite written with RSpec.

OurChat
- A messenger clone where users can create conversations with zero or more other users and instant message.
- Websockets implemented with Rails' ActionCable framework.
- API Authorization handled with JSON web tokens in HTTP-only cookies.
- Created with React, Rails, HTML/JSX, CSS.

EDUCATION

Bachelor of Science in Biochemistry and Cell Biology
University of California, San Diego · San Diego, CA · 2018

SKILLS

Front-End: Reactjs, Javascript, HTML, CSS, Responsive Design

Back-End: Ruby, Ruby On Rails

HTTP/AJAX Requests, Asynchronous Programming

RESTful APIs, CRUD Operations

Version Control: Git