Connie Chu

Software Engineer
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SUMMARY

I am a highly self-motivated full stack software engineer that made the transition from chemical research engineer. Looking for new opportunities to learn, grow, and gain understanding and experience in the software technology field. Experience with developing and enhancing web applications using JavaScript, Python and Ruby. Quick in learning, integrating, and mastering new technology in both team and self-directed environments.

TECHNICAL SKILLS

Languages:
JavaScript
Python
Ruby

Front-end:
HTML
CSS
JQuery
AJAX

Frameworks:
Express
AngularJS
Django
Ruby on Rails
Flask
Bootstrap

Databases:
MongoDB
MySQL
SQLite
Postgres SQL

Servers:
Node.js
Mongoose.js
MAMP
Apache
Rails
AWS

Other Technology:
RESTful API integration
Git
Socket.io

PROJECTS

BillPay –Ongoing, Helping users to track, organize and pay bills in one place
Developed frontend code and backend user logs. Ensured all authentications and checks were in place.
Technology used: Python, Django, Twilio API, JQuery, Bootstrap, SQLite, MySQL
URL: http://34.223.251.157/
GitHub: https://github.com/conniechu929/BillPay

FoodFind – Making to discover local restaurants easy and more user interactive
Played a key role in developing, enhancing and launching application. Application utilizes Ruby on Rails and JavaScript technology.
Technology used: Ruby on Rails, Yelp Fusion API, Google Maps API, JavaScript, bootstrap, JQuery, Postgres SQL
URL: http://52.40.131.196/
Github: https://github.com/conniechu929/rails_project.git

ParkIt - Ongoing
Worked with a team to utilize Python and Django, to create a tool users can use to find street parking in San Francisco based on street cleaning and hourly restriction criteria throughout the city.
Technology used: Python, Django, API, JavaScript, SQL
GitHub: https://github.com/conniechu929/ParkIt

EDUCATION

Coding Dojo – Immersive Coding Program
December 2016
Specialization on full stacks: Django with Python, Ruby on Rails, and MEAN

University of California, Davis
B.S., Chemistry
June 2012
Additional: Intro to Computer Networks – CMPE150

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EXPERIENCE

Engineering Associate, Chevron Oronite
January 2014 – April 2016

- Worked to align industry and government guidelines for new oil development.
- Led a group in the introduction and creation of new heavy duty and passenger car motor oils to American and European markets.
- Coordinated with different research groups to develop commercialization plans to help streamline the creation of largescale components for worldwide production.

Research Associate, Chevron
August 2012 – December 2013

- Led projects that investigated reported product quality problems with gasoline, diesel fuel, refinery issues, vehicle fuel, service station and terminal components and aviation fuel through chemical analysis to help determine if product is a result of chemical or process driven issue.
- Established a working relationship between Chevron and Southwest Research Institute by coordinating an efficient process of communication with principle parties.
- Developed new test methodology or technique used for gasoline and diesel fuel investigations that help to eliminate the time used to take to evaluate fuel separation.

OTHER SKILLS:

- Strong leadership – Leading two teams in different departments to streamline component production
- Communication – Created strong working relationship between two separate companies in order to work to establish industry standards by opening dialogs and establishing work contacts
- Adaptability – Worked from product research to market sales
- Collaboration – Worked with various group sizes to develop different project applications
- Time Management – Organized two work teams to divide work processes in order to meet demanding time constraints from local governments for oil regulations.
- Problem solving
- Conflict resolution