WHITNEY DENG
SOFTWARE ENGINEER

CONTACT

✉ whitneydeng@gmail.com
📞 (415) 867-4175
📍 2511 30th Ave. San Francisco, CA 94116
in whitneydeng
⌨ whitbit

EDUCATION

Hackbright Academy
Software Engineering Fellowship 2017

University of Washington
Certificate in Project Management 2016

University of California, Berkeley
B.S. Molecular Environmental Biology 2012

SKILLS

LANGUAGES: **Python, Javascript, SQL, HTML, CSS**
FRAMEWORKS/LIBRARIES/OTHER: **Flask, PostgreSQL, AJAX, jQuery, Git, Github, Command Line, Heroku, Bootstrap**

PROJECTS

Chalked   Sep 2017 to Nov 2017

Chalked is a full-stack web application that tracks individual outdoor rock-climbing experiences. Users can search for over 3000 popular routes within the U.S. to securely journal projects and completed climbs. Journals feature photo upload, badges, and visualization of progress. Integration with the Google Maps API allows users to build a roadmap of places they've visited.

Tech stack: Python (Bcrypt, Scrapy, Chart.js), Javascript, Flask, Jinja, jQuery, AJAX, SQLAlchemy, PostgreSQL, HTML/CSS, Mountain Project API, Google Maps API

EMPLOYMENT

Genentech   South San Francisco, California
QC Associate (Bioanalytical Tech and Microbiology)   Jun 2015 to Jul 2017

• Analyzed media and commercial GMP samples with technical expertise in microbiological and protein chemistry methods
• Evaluated test results with proficiency in validated software, such as Labware LIMS
• Facilitated weekly Safety Inspection Team meetings with stakeholders across all commercial quality departments, managing minutes and sending out communications
• Owned and developed Lean process improvement projects, designing and executing an electronic visual scheduling tool to improve individual and team time management

Genentech   South San Francisco, California
QC Analyst (Protein Analytical Chemistry, contract)   Mar 2014 to Jun 2015

• Performed wet chemistry analysis of clinical and tox samples with minimal discrepancies
• Developed and improved new sample management process
• Served as single point of contact between research functions and validation group for sample transfers
• Trained new hires in GMP and logistics and support functions

ACTIVITIES

ReadyTwoWear · Style Blogger   Jul 2010 to Current

- Create blog and social media content for www.readytwowear.com, a personal style blog of photography and street style inspiration
- Collaborate with new and established brands, including Banana Republic, Clarins, H&M, M.A.C. , Macy's, Tieks, Tobi