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📍 Davis, CA

Education

Institution	Degree/Certification	Relevant Coursework	Dates
FreeCodeCamp	Front-end Developer	HTML5 & CSS, Responsive Design w/ Bootstrap, React.js, Javascript	09/2017 - Present
Udacity	Full Stack Web Development Nanodegree (https://goo.gl/T23EFo)	Programming Fundamentals and the Web, Developer's Tools, The Back-end: Databases & Applications, The Frontend: JavaScript & AJAX, Deploying a Linux Server	07/2017 - 09/2017
Coursera - University of Michigan	Data Science in Python	Introduction to Data Science in Python, Applied Plotting, Charting & Data Representation in Python, Capstone: Retrieving, Processing, and Visualizing Data with Python, Using Databases with Python, Using Python to Access Web Data	01/2017 - 04/2017
University of California - Davis	B.S. - Applied Mathematics	Software Development and Object Oriented Programming (in C++), Programming and Problem Solving (in C), Numerical Analysis in Solutions of Equations, Linear Algebra	09/2014 - 09/2016

Experience

Web Development Intern - California Center for Cooperative Development 01/2018 - Present

- Lead Full Stack Developer developing a dynamic, multilingual, membership based website for a Korean Jujube Co-op in Central California, to develop a public face for their Co-op, increase Jujube sales, and centralize access to important documents for each Jujube farmer in the Co-op - e.g. food safety, USDA Certification etc. Technologies to be implemented: WordPress Content Management System (CMS) and PHP to access data in a MySQL database. Wishlist Member and Polylang WordPress plugins to add user and multilingual capabilities, respectively.

Freelance Web Developer 11/2017 - Present

- Designed, implemented, and deployed a Chef's portfolio website in React.js - keikoiwako.com. Designed an Instagram component to display the three most recent Instagram posts using the Instagram API. Maintained version control using (Git + Github) and deployed using Github Pages.

Build an Item Catalog - Udacity Full Stack Nanodegree 08/2017

Github link: <https://goo.gl/fvG3XH>

- Received personal praise from the administrator for exhibiting great knowledge and skills in Python, SQLAlchemy, and Flask on a final project: a data driven coffee catalog website. (A review of my work: <https://goo.gl/3kHmGg>.) Successfully deployed my Flask website using Amazon Lightsail - <http://35.162.223.26/>

Grader - UC Davis Mathematics Department 06/2015 - 06/2016

- Went beyond my Professor's expectations, received praise and a letter of recommendation for writing a workflow automation program in Python to return a graded version of each student's electronically submitted work (via e-mail attachment) after the University's grade management website crashed indefinitely. Github link: <https://goo.gl/C8uyoD>
- Exceeded my Professor's expectations by writing a Python program to generate unique quiz forms for 40+ Calculus students depending on previous quiz performance. Effectively reduced human error and cut down work hours from 20 hours a week to just 3 hours a week. Github link: <https://goo.gl/6bDdVC>
- Managed student grades and course work on UC Davis' student grade management website - Smartsite.
- Used the following Python Libraries: csv, subprocess, shlex, os, shutil, re, email, and sys.

Skills

- Python 2 & 3 (pandas, numpy, matplotlib.pyplot, subprocess, datetime, re, sys, BeautifulSoup, requests, sqlite3)
- SQL (Postgres, Sqlite3)
- HTML/CSS/Javascript/JQuery/Knockout.js/React.js
- UNIX (BASH scripts, sed, grep, navigation of file system)
- Jupyter Notebook
- Version Control (Git + GitHub)
- JSON/XML
- Linux OS
- Bootstrap
- WordPress/Jekyll