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ABOUT ME

I currently work in automation engineering, and am searching for an opportunity to transition into a software engineering role.



SKILLS

C#



Python



HTML/CSS/Bootstrap



JavaScript



Git/GitBash



GitHub



Visual Studio



Visual Studio Code



Sean Marten

Automation Engineer



EDUCATION

June 2018-
Sep 2013

University of California, Davis
B.S. Chemical Engineering

Present-
June 2020

University of California, Berkeley Extension
Certificate, Berkeley Full Stack Software Development

- Covers command line, HTML, CSS, Javascript, jQuery, Bootstrap, Handlebars, React, APIs, Git, Github, Django, MySQL, MongoDB, Node, Express, User Authentication, unit testing, linting, continuous integration.
- Learn algorithms, efficiency, time complexity, big O notation and data structures.
- Participate in group projects, managed on Github and organize work through sprint meetings.
- Developed personal website with a portfolio.
- Completed projects include: password generator, software quiz, day planner, weather dashboard and an actor search (check these out on my website!)



WORK EXPERIENCE

Present-
Nov 2018

Automation Sustaining Engineer I
Zymergen Inc.

- Provide hardware and software support for a fleet of laboratory automation equipment
- Contribute to Zymergen-written software to automatically parameterize workflows for lab users; Addressing and resolving software bugs, restructuring architecture for a more organized and accessible software stack, providing upgrades to UI based on user input, releasing new features (C#)
- Contribute to a wide variety of Zymergen automation software projects in releasing new features or add-ons. (C#, Python, HTML, MySQL, JavaScript).
- Attend and participate in sprint planning meetings
- Participate in code reviews
- Create and maintain documentation for code releases, updates and fixes
- Manage and work on multiple projects at once.

Sept 2017-
June 2017

Supply Chain Intern
PepsiCo, Inc.

- Engineered a self-maintaining database to track and display individual performance, development, and training of over 200 employees (Visual Basic)
- Collaborated with plant management staff to deliver an effective and accessible database
- Led database utilization and troubleshooting training for management staff