Eddy Yang

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Education

Full Stack Web Development Certificate - University of California, Berkeley Extension September 2020

University of California, Berkeley, B.S. Mechanical Engineering (3.2 GPA) December 2019

Skills (proficient)

Python, Flask, HTML, CSS, JavaScript, JQuery, Node.js, React, MySQL, MongoDB, Firebase, Java, Flutter, Cucumber, Selenium, Cypress Automation

Work Experience

Veeva Systems, Pleasanton, CA - Software Engineer in Test   March 2021- October 2024

- Write comprehensive test cases in functional, security, performance, accessibility, and compatibility for software products using Testrail.
- Design and build UI configurators to expose properties of React components to test all variations the component can have and create automation scripts in Cucumber.
- Communicate with developers, UX/UI designers and Project managers on feature specifications to deliver robust products in accordance with deadlines.

iDentical, San Francisco, CA - Mechanical Engineering   September 2019- December 2019

- Manufactured teeth implants by 3D scanning teeth, developing CAD models of teeth implants, and using subtractive manufacturing techniques to produce titanium teeth replicas with millimeter tolerance.
- Determine root cause of failures using statistical methods and recommend changes in designs, tolerances, or processing methods.

KiwiBot, Berkeley, CA - Robot Technician   August 2019- December 2019

- Disassembled and reassembled robots and peripheral equipment to make repairs such as replacement of defective circuit boards, sensors, controllers, encoders, and servomotors.
- Performed preventive and corrective maintenance on robotic systems and components.

Research

UC Berkeley FLOW Lab, Berkeley CA - Research Assistant   June 2019 - August 2019

- Designed the state machine architecture of a motion controller for a seven axis tomography system on LabView, integrated an intuitive UI for controlling each axis, and established serial communication via ethernet to the motion controller. Keeping daily reports with a research journal.

Projects

Dignifi Landing Page   December 2024

- Created the landing page for a startup company from scratch using React, JS, HTML, and CSS.