

GAVIN ELDRIDGE

SOFTWARE ENGINEER

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SUMMARY

Passionate software engineer currently working to find solutions for a wide range of problems with a focus on sustainability and practicality.

SKILLS

SOFTWARE ENGINEERING: Tools: Linux/Bash, Git/Github, Docker, Shopify, Wordpress, Netlify, Surge, AWS Lambda, Languages: Typescript/Javascript, Python, C++, Java, Assembly, Perl, PHP, CSS/SCSS, HTML, Databases: MongoDB, PostgreSQL, SQLAlchemy, SQLite,, Frontend: ES2015+, React.js, Material UI, JQuery, Bootstrap,, Backend: Node + Express, Python + Flask
SOFT SKILLS: Open minded and non judgmental regarding new or unorthodox ideas, Patient team collaborator who enjoys hearing other's interpretations, approaches, and perspectives to problems and concepts, Effective and empathetic communicator seeking to actively listen and understand other people's ideas prior to responding

PROJECTS

Vegan Hacktivists: Vegan Bootcamp - <https://veganbootcamp.org/> Nov. 2021 - Current
This project provides many free resources (dietitian/nutritionist support, educational materials) to individuals interested in going vegan and provides them with virtual credits which can transfer to real-world rewards such as food services, clothing, and e-books as users progress through the program. [Laravel PHP + Bootstrap]

Nest Home Temperature Controller Sept. 2021 - Current
Built a tool to automatically conserve my Google Nest thermostat's power usage by periodically checking if the outside temperature is colder than what the AC is set to (and vice versa for heating). This project also includes support for manually changing the thermostat mode and temperature so my roommates and I can always have access. [React, Bootstrap, Express, Google Smart Device Management API, Open Weather API]

Weather The Trip - weatherthetrip.herokuapp.com Jan. 2021 - Feb. 2021
Website to allow drivers to check the weather along a Google Maps trip path so as to prepare for weather effects prior to driving. [Flask, Bootstrap, JS, HTML, CSS, and JQuery, WeatherBit API, Google Maps API]

1st Place in Chico State's 2019 Hackathon 2019 - 2019

EMPLOYMENT

Freelance, Software Engineer, Online May 2020 - Current
Designed and organized a website to further promote local shopping. Continued learning and making a variety of sites for difference clients/causes.

SpecBio, Associate Software Engineer Apr. 2021 - Mar. 2022
Built a Shopify website for FACTORFIVE Skincare, a child company of SpecBio. This job had a wide variety of hats and tasks including website development/maintenance, automation for customer lead generation via filtering thousands of customers through data spreadsheets, programmatic emailing/texting, and test code creation.
Tech Stack: Node.js, SQL, Wordpress Theme (PHP/JS/CSS/HTML), Shopify Theme (Liquid/JS)

Zarella, Software Engineer May 2020 - Aug. 2020
Helped Zarella get off the ground by creating a proof-of-concept website.

Stevenson Summer Camp, Coding Instructor/Counselor, Robert Louis Stevenson School, Pebble Beach June 2019 - July 2019, June 2018 - July 2018
Lived with and took special care of four campers, took campers out for weekend adventures, taught computer science classes as well as surfing, coached a team in a variety of sports.

EDUCATION

Springboard Software Engineering Career Track, Certification Oct. 2020 - Oct. 2021
Software engineering course totaling over 800 hours in length. Covered key aspects of front-end web development, back-end web development, databases, and data structures and algorithms. Curriculum included learning resources, practice exercises, projects, and two major full-stack capstone projects.

AWARDS

1st in 2019 Hackathon, CSU Chico 2019
1-day hackathon to build a project of the competitor's choosing. Built a guitar simulator with Java and Swing.