

VICTORIA KHYM-CAMPBELL

Software Engineer — San Francisco

✉ vnkcampbell@gmail.com

☎ 203-434-6227

🏠 victoriacampbell.tech

🐙 github.com/v-campbell

RELEVANT EXPERIENCE

Full-Stack Developer, Student @ App Academy

Jul 2019 — Present // San Francisco, CA

- Write modern, efficient, and robust code for a diverse array of client and internal projects
- Work with a variety of different languages, frameworks, and content management systems such as JavaScript, React, Ruby on Rails, Node.js, AWS, etc.
- Communicate and collaborate with multi-disciplinary teams of engineers, designers, producers, clients, and stakeholders on a daily basis

Case Data Analyst @ Heartflow Inc.

Jul 2018 — Jul 2019 // Redwood City, CA

- Modeled coronary artery blockage using CT scan data, statistical inference and probabilistic machine learning
- Exceeded monthly case targets by 800% and maintained a 98% accuracy rate
- Re-engineered case management systems to reduce processing times
- Triageed and resolved unique application issues for physicians and process engineers daily

Clinical Researcher, Oral Cancer @ UCSF

Dec 2015 — Jun 2017 // San Francisco, CA

- Original study on the relationship between nicotine, cotinine, and 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanol to levels of these biomarkers in plasma and urine
- Generated statistical models that predicted survival rates with linear and logistic regression analysis of clinical trials using R
- Interfaced with and trained 50+ Contact Research Organizations (CROs) per season

Program Manager @ Alta Bates Medical Group

Sep 2014 — Dec 2015 // Oakland, CA

- Overhauled the organization's federal and state compliance curriculum and trained 80+ new and existing employees, physicians and management teams
- Reduced patient induction time by 60% while maintaining HIPAA compliance
- Collaborated with user experience designers and developers to ensure thoughtful and coherent patient experiences

Undergrad Researcher, Nuclear Chemistry @ UC Berkeley

Sep 2011 — Jan 2014 // Berkeley, CA

- Created simulations of the Multi-Mission Radioisotope Thermoelectric Generator using MATLAB and R for Curiosity — NASA's Mars Rover
- Proposed and implemented scalable solutions to issues identified with data management systems and applications responsible for communicating result data

PERSONAL

Hello! I'm a researcher turned full-stack developer.

Interested in the intersection of healthcare and technology, user-facing data management system design, all dogs, hiking, surfing, snowboarding and board games

SKILLS

Programming Languages

JavaScript (ES6), Ruby on Rails, SQL, C++, CSS, HTML

Libraries & Frameworks

React.js, jQuery, Node.js, Express

Tools & Platforms

Git, Webpack, RSpec, Capybara, Selenium, NPM, AWS, HighCharts, PostgreSQL, MongoDB

EDUCATION

UC Berkeley

2011 — 2015

B.S. in Mathematics, Environmental Science, Biology

Minor in Spanish Literature

App Academy, SF Campus

2019 — 2020

Full-Stack Software Engineering Track

PROJECTS

Senior Pet Finder [site](#) | [github](#)

Web app built with Ruby on Rails, JavaScript, React, Redux, PostgreSQL, HTML5, CSS3, and AWS with a 3NF database. Browse adoptable pets and like/adopt your favorites!

DNAborhood [site](#) | [github](#)

Educational game about DNA structure built with JavaScript, HTML5, CSS3, a game board randomization algorithm, and original graphics.

HikeSF [site](#) | [github](#)

MERN stack web app built with MongoDB, Express.js, React, Node.js, HTML5, CSS3, AWS S3, and Heroku that allows users to view, create and review local hiking trails.