

KAI DALGLEISH

FULL STACK SOFTWARE ENGINEER

kai@kaidalgleish.io | github.com/KaiDalgleish | linkedin.com/in/kaidalgleish

TECHNOLOGIES **Languages:** Python, JavaScript (AJAX, JSON), C++, HTML, CSS, SQL
Frameworks/Libraries: Flask, jQuery, Jinja, Bootstrap, D3
Industry Tools: SQLite3, Git, CLI, APIs

PROJECTS

Forager

Interactive plant map allows users to search for, add, and rate food plants growing in their area, using data from the SF tree census and MapBox/Leaflet libraries. Forager seeks to foster connection to urban environments.

Slack-o-meter

Visualization of Slack channel activity and mood using sentiment analysis, D3, and Slack's API.

Criket

Simulated cricket chirps corresponding to the user's local temperature using geolocation, SoundJS, and the OpenWeather API.

EDUCATION

Hackbright Academy

Full Stack Software Engineering Fellow – Summer 2015

Accelerated software development program of 35 students with a <5% acceptance rate. Completed coursework on the fundamentals of computer science, data structures, and full-stack application development.

University of California, Santa Cruz

Studied Ecology and Evolutionary Biology, 2012-2015

EXPERIENCE

Teaching Assistant, Hackbright Academy – Fall 2015

Part of education team at software engineering program. Provide advising and instruction, lead daily scrums and guide project management, develop, maintain and teach broad curriculum including computer science topics.

Director, The Hub for Sustainable Living – 2013-2015

Led non-profit dedicated to sustainable communities, DIY, and creative reuse. Duties ranged from filing non-profit taxes to organizing community events.

Monterey Bay Salmon and Trout Project / NOAA – 2013-2015

Worked with the MBSTP hatchery and NOAA Landscape Ecology team supporting and studying native steelhead and endangered coho salmon.

Cofounder, Union of Benevolent Electrical Workers – 2010-2015

Cofounded collective to connect radical technologists in Santa Cruz, CA. Hosted monthly meet-and-geeks, taught free classes on topics ranging from cryptography to hardware hacking, organized fundraisers for related causes.

Office Manager, Farmhouse Culture – 2010-2012

Sole office employee for a rapidly growing organic food company with national distribution. Hired, scheduled, and managed farmers' market and sampling staff. Maintained website, financial records, health permits, and organic certification.

Collective Member, Freeskool Santa Cruz – 2005-2013

Key member of team working to decentralize education, allowing community members to teach topics ranging from car repair to Taoism. Published quarterly calendar with hundreds of free or donation-based classes per year.