

DESIGNER / DEVELOPER

[github.com/farmanrl](https://github.com/farmanrl) | [farmanrl.me](https://farmanrl.me) | [linkedin.com/in/farmanrl](https://linkedin.com/in/farmanrl)

mail@farmanrl.me | (530) 574-8818

RICHARD FARMAN

## EDUCATION

COMPUTER SCIENCE, JAPANESE LANGUAGE, LIBERAL ARTS

### Whitman College, Walla Walla, WA - (2014 - 2018)

- B.A. in Computer Science, graduating as the first CS Major.
- Worked in CS Lab as tutor, and held review sessions as a mentor for Intro to CS classes.
  - > CS-270 Data Structures (C++)
  - > CS-200 Human Computers Interact (UX Design)
  - > CS-220 Discrete Math and Function Programming (SML)
  - > CS-200 Elements of Computer Systems (Hardware)
  - > CS-300 Software Design (Java)
  - > CS-300 Software Design (Java)
  - > CS-301 Natural Language Processing (Python)
  - > CS-310 Computer Systems Programming (C)
  - > CS-317 Software Performance Optimization (C++, x86)
  - > CS-400 Algorithm Design and Analysis (C++, Python)
  - > CS-402 Artificial Intelligence (Python)

### Intercultural Institute of Japan, CIEE Gap Year Abroad - (2014)

- A semester abroad of international study and cultural immersion in Tokyo, Japan.

## EXPERIENCE

JAVASCRIPT, HTML/CSS, PYTHON, JAVA, REACT.JS, GITHUB, VCS, TDD, HDL, ADOBE CREATIVE SUITE

### CS@Whitman Founder, Vice-President - (2016 - 2017)

- Raised \$15,000 in funding from the Port of Walla Walla to build a co-working space on campus.
- Lead boot camps and workshops for web development, machine learning, and more.
- Worked in CS Lab as a tutor, and participated in Intro to CS class sessions as a mentor.

### Web/Mobile App Design/Development - (2016 - Present)

- Beer Draft (2017) - <https://beerdraft-2d21e.firebaseio.com/> // <https://github.com/farmanrl/beerDraft>
  - > Brewed up Beer Draft, an online platform for product recommendations based on liked beers.
- Flowriter (2017) - <https://twitter.com/flowriterbot> // <https://github.com/farmanrl/flowriter>
  - > Twitterbot that generates lyrics from markov models trained on popular artists.
- VIGIL (2016 - 2017) - <https://vigilmap.com/> // <https://github.com/farmanrl/vigil>
  - > Online campus map for college students to support sexual violence prevention and awareness on campus.
- Meme Detector (2016) - <https://idvisor-d691d.firebaseio.com/> // <https://github.com/farmanrl/idvisor>
  - > Interface to train and test computer vision model for meme recognition.
- Spectrum / Buzz (2016) - <https://farmanrl.github.io/spectrum/> // <https://github.com/farmanrl/DevBootCamp>
  - > Spectrum - Project management and networking as part of a boot camp for training web developers
  - > Buzz - Simple social network for beginners to learn the basics of web development.

### Software Development Intern - (Carduner Consulting, 2016) - <https://www.pyret.org/>

- Trained in WebApp Development from scratch (HTML/CSS, JavaScript, React, Redux, Jasmine, Firebase).
- Developed a modern front-end user experience for an educational web-based 'Pyret'-language IDE.
- Implemented token tracking for parsing and abstract syntax-tree conversion algorithms.
- Built through test-driven development using 'Jasmine' behavioral Javascript framework.

### Multimedia Production - (2014)

- Successfully crowdfunded \$6,405 for an undergraduate biotech research project at UC Berkeley
- Produced '3-2-1 Get Screened!' an animated colon cancer awareness video.
  - > Awarded 'Best Video' by the American College of Gastroenterology.
- Photographer, Videographer, and Blogger for CIEE International Study Abroad website.
- Created 'Discover Davis', a web series promoting local events, attractions, and businesses in Davis, CA.
- Directed 'Every Fifteen Minutes', a drunk driving awareness film premiered for high school students.
- Photographer, Videographer, and Blogger for CIEE International Study Abroad website.

SEEKING JOB OR INTERNSHIP IN TECH INDUSTRY WITH TECHNICAL/CREATIVE CHALLENGES AND MEANINGFUL IMPACT