

# FRANK AIELLO

## SUMMARY

I'm a software engineer who loves building applications — everywhere from polishing the shiny things to architecting the plumbing. I approach everything I do with compassion, and I enjoy positively impacting people in my life.

## CONTACT

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in [linkedin.com/in/frank-aiello-eyeyellow](https://www.linkedin.com/in/frank-aiello-eyeyellow)

🐙 [github.com/eyeyellow](https://github.com/eyeyellow)

## SKILLS

**LANGUAGES:** JavaScript, Ruby, SQL, HTML5/CSS3

**FRAMEWORKS/LIBRARIES:** Node, Express, Rails, React/Redux, AngularJS, jQuery, Vue, Jekyll, SASS, Mocha, Chai, Karma, RSpec, Angular, Drupal

**TOOLING:** Docker, git, bash, npm, Webpack, Gulp, Babel, PM2

**DATA/STORAGE:** Postgres, S3, Redis

**SYSTEMS:** Linux, MacOS

**SERVICES:** Amazon Web Services, Jenkins, CircleCI

**COLLABORATION:** GitHub, Jira, GitLab, Asana, Test Driven Development

## EDUCATION

University of California, Santa Barbara  
Bachelor of Science in Ecology and Evolution, 2010

San Jose State University  
California Single-Subject Teaching Credential for Science, 2014

Dev Bootcamp

Web Development Apprenticeship 2016

## EXPERIENCE

### DJ Case & Associates

Software Engineer

Mishawaka, Indiana

July 2020 to Current

- Develop web applications and manage website content for conservation efforts
- Build data visualization and audit log for National Wildlife Refuge web application
- Manage United States Fish and Wildlife Service site content using Drupal
- Design front-end features using Angular, JavaScript, CSS3, and HTML 5

### DocNetwork

Full Stack Engineer

Ann Arbor, Michigan

Nov. 2017 to June 2020

- Develop electronic health record management software for summer camps and schools
- Implement front-end features using AngularJS, Vue, JavaScript, CSS3, and HTML5
- Build out back-end services and REST API with Node.js/Express and Postgres
- Architect a modern front-end build system with Webpack
- Write unit tests with Chai, Mocha, and Karma

### Revela

Full Stack Engineer

Detroit, Michigan

Feb. 2017 to Oct. 2017

- Develop university housing and property management software platform
- Build front-end features in React and Redux with a REST API
- Design REST API and services in Ruby on Rails with Postgres
- Write unit tests with RSpec and integration tests with Capybara/Selenium

### San José Unified School District

High School Science Teacher

San Jose, California

Nov. 2014 to June 2016

- Design activities to teach information literacy for independent online research projects
- Conduct inquiry-based labs centered on writing and testing hypotheses
- Tutor ELL students during and after school to develop skills for solving word problems
- Differentiate instruction and assessment techniques for students with autism spectrum disorder

### United States Peace Corps

Agroforestry Extension Agent

Senegal, West Africa

Nov. 2011 to Nov. 2013

- Design and facilitate peer-education workshops to improve orchard management
- Manage a \$3900 USD project from President Obama's Feed the Future Initiative (USAID) to establish fruit-tree orchards with three women's gardening groups
- Revise, expand, and reformat Peace Corps Senegal language training manual for Malinke
- Educate groups of teenagers on nutrition, biology and English language skills at the US Embassy's Access Summer English Camp

### Cheadle Center for Biodiversity and Ecological Restoration

Kids In Nature Intern Supervisor

Santa Barbara, California

Mar. 2010 to June 2011

- Educate three classrooms of public and charter-school fifth-grade students about local ecosystems
- Supervise a group of student-teaching interns in their interaction with students
- Compile and present students' classwork to donors and program directors
- Conduct lessons for students on botany, entomology and phenology

### UC Santa Barbara Library

Music Service Desk Assistant

Santa Barbara, California

Feb. 2007 to Dec. 2010

- Implement a 20,000-disc LP cataloging project: searched, selected, imported, and edited records using an international library database (WorldCat)
- Circulate collection materials to patrons and answered general information questions
- Reshelve and organize books, scores, and recordings, and maintained order of library shelves