

# Brooke Angel

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## EDUCATION

### App Academy

8/15- 11/15

*12 week Rails Bootcamp covering Ruby, SQL, Rails, JavaScript, React/Flux, and TDD*

### University of California, Berkeley (GPA 3.99)

8/10- 5/14

*B.A. Molecular and Cellular Biology*

### UC Center Florence, Italy (GPA 4.00)

1/13- 5/13

*Italian language and culture study abroad program*

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## WORK EXPERIENCE

### App Academy Senior TA

11/15- Present

*App Academy*

- Mentored students through App Academy's competitive, full time programming bootcamp (< 4% acceptance rate)
- Delivered lectures to groups of 70+ students on topics including Ruby, OOP, Rails, RSpec, Capybara, React/Flux, HTML/CSS and Javascript
- Maintained and improved curriculum by writing readings on Git, Jest, RSpec, and Flux stores, refactoring daily project solutions to align with App Academy style guides, and writing specs to test student solutions
- Wrote assessments for React/Flux in Jest/Jasmine and Rails in RSpec/Capybara
- Developed internal tools for managing tutors and applications using Rails
- Managed TA work shifts and onboarding and conducted one on one meetings with Junior Teaching Assistants
- Managed and initiated Hackers in Residence Program by recruiting and training HIRs to conduct App Academy admissions interviews and grade coding challenges, and contributing to HIR algorithms course

### Community Healthcorps Member

8/14- 7/15

*Alliance of Rural Community Health*

- Researched curriculum complying with California education standards and taught health courses for grades 5-12
- Organized and ran the Anderson Valley Teen Clinic after receiving California Family Planning and FamilyPACT certifications

### Undergraduate Researcher

8/13- 5/14

*Feldman Lab, UC Berkeley*

- Researched learning, memory, and synaptic plasticity in the rodent whisker barrel cortex to discover potential causes of neural disorders such as autism and dementia.
- Conducted slice electrophysiology experiments and analyzed data in Matlab

### Administrative Assistant

5/13- 8/13

*Plaza Home Mortgage Correspondent Branch*

- Prepared loans, conducted junior purchase reviews, and digitally filed loan documents in Datatrac

### Health Coordinator

8/12-12/12

*Sherman Hall, Berkeley Student Cooperative (BSC)*

- Served as a liaison between Berkeley Student Cooperative residents and the University Health Center
- Organized health-related workshops, wrote weekly health newsletters, and kept health supplies stocked for a house of 40 residents

### Laboratory Assistant

5/12-8/12

*Ravits Lab, UCSD*

- Researched genetic causes for ALS, focusing on a single tandem repeat mutation in a gene intron, using Fluorescent in Situ Hybridization and Histology
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## **VOLUNTEER EXPERIENCE**

- Women Who Code, San Francisco (2016)
  - Railsbridge TA, San Francisco (2015)
  - Sueno Latino Member, Boonville (2014)
  - Development Research Intern, Quetzaltenango (2014)
  - YWCA Scholars Student Mentor, Berkeley (2014)
  - AEGEE English Language Instructor, Florence, Italy (2013)
  - BUSD Middle School Math Tutor, Berkeley (2011-2012)
  - BSFC Education Coordinator and Storefront Volunteer (2010-2012)
  - Global Water Brigades Volunteer, El Cantón, Honduras (2011)
  - Berkeley Student Organic Garden Volunteer (2011)
  - Gerwick Laboratory Volunteer, Scripps Institute of Oceanography (2011)
  - OASES Elementary School Tutor, Oakland (2010)
  - Multiple Sclerosis Laboratory Volunteer, Neurological Institute (2010)
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## **LANGUAGES**

- High intermediate level in Spanish and Italian
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## **TECHNOLOGIES**

- Experience with Ruby, Rails, Javascript, SQL, Scheme, React/Flux, RSpec, Jest HTML/CSS, R and Matlab
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