

# Jessica DiTocco

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## TECHNOLOGIES

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**Languages** | Python, JavaScript (AJAX, JSON), HTML, CSS, SQL

**Frameworks/Libraries** | Flask, jQuery, Bootstrap, Jinja

**Database/Industry Tools** | PostgreSQL, Git, GitHub, Command Line

## PROJECT

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**Jam** | Jam is a music-focused social network application that connects people through events using Eventbrite's API. The Jam application allows users to search for music events by keyword, comment on events, and manage bookmarked events through their profile. Once logged in, the user can access their profile page to view a list of bookmarked events, as well as a map of bookmarked events, built using the Google Maps API. Users can connect with other Jam users via an email feature on the Jam application that uses SendGrid's emailing API.

**Tech stack** | Python, Javascript (AJAX, JSON), PostgreSQL, HTML, CSS, Flask, jQuery, Bootstrap, Jinja

**GitHub** | [https://github.com/jessiditocco/jam\\_app-02-18](https://github.com/jessiditocco/jam_app-02-18)

## EDUCATION

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**Hackbright Academy**, San Francisco, CA

**January 2018-March 2018**

Software Engineering Fellowship

Accelerated, 12-week, software engineering program for women

**Relevant Topics Taught:** Python, Git & Github, HTML, CSS, Flask, Jinja, testing, Javascript, AJAX, SQL Alchemy, debugging, data modeling, Bootstrap, UX Design, computer science fundamentals (runtime, stacks, queues, linked lists, trees, recursion, graphs, sorting algorithms)

**University of Florida College of Agriculture and Life Science**, Gainesville, FL

**May 2013-May 2017**

Bachelor of Science in Biology (Pre-Professional); minor in Business Administration

**GPA:** 3.93 (Summa cum laude)

**Relevant Coursework:** Calculus I/II, Statistics, Physics I/II (w/ lab), General Chemistry I/II (w/ lab) & Organic Chemistry I/II (w/ lab), Biology I/II, Microbiology, Biochemistry, Genetics, Physiology, Micro/Macro-Economics, Marketing, Management, Financial Accounting

## WORK EXPERIENCE

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**ROAR Winery**, Santa Lucia Highlands/San Francisco, CA

**September-October 2017**

Winemaking Intern

- Worked in a medium sized urban winery with varietals including: Pinot Noir, Chardonnay, Syrah & Grenache
- Made wine for five labels ranging from production level sales to smaller, independent labels
- Collaborated with three additional contract winemakers learning many different winemaking styles and practices
- Collected and reported brix measurements of sugar levels during the fermentation for reporting to the winemakers

**E&J Gallo Research Winery**, Modesto, CA

**July-December 2016**

Research Winery Intern

- Worked in a small scale, 10-gallon research winery monitoring a total of 550 throughout the season
- Collaborated with other departments in the company to discuss project specs for various R&D projects
- Inoculated ferments with various yeast strains
- Conducted a personal harvest project that tested for various off-note compounds in the finished wine
- Inoculated ferments with various yeast strains and monitored brix levels throughout the fermentation

**Grape Research Field Manager & Lab Assistant**, Gainesville, FL

**January-May 2016**

Research Assistant

- Designed and planted a small vineyard with Pierce Disease resistant vines from UC Davis
- Researched the various types of trellising systems for vineyards and designed the trellis system for the project
- Randomized the experimental field layout for the various varietals planted using excel
- Prepared tissue samples for a project testing freezing temperatures on bud development in stone fruit

## OTHER AWARDS AND DISTINCTIONS

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University of Florida Summa Cum Laude

College of Agricultural and Life Sciences Anderson Scholar

Dean's List of the College of Agricultural and Life Sciences

American Society of Animal Science Undergraduate Scholar Award

AP Scholar with Distinction 2013

National Merit Commended

National Honor Society