



# Jessi DiTocco

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## TECHNOLOGIES

**Languages** | Python, JavaScript (AJAX, JSON), HTML, CSS, SQL  
**Frameworks/Libraries** | Flask, jQuery, Bootstrap, Jinja  
**Database/Industry Tools** | PostgreSQL, Git, GitHub, Command Line

## PROJECTS

**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, users can access their profile pages to view a list of bookmarked events and 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)

**jessiditocco.com** | Check out my personal portfolio at [jessiditocco.com](https://jessiditocco.com) built using HTML, CSS, and Javascript.

## EDUCATION

**Hackbright Academy, San Francisco, CA**

**January 2018-March 2018**

**Software Engineering Fellowship**

Accelerated, 12-week, software engineering program for women

Curriculum: 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) (College of Agricultural and Life Sciences Anderson Scholar)

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, Applied Field Crop Production, Soils in the Environment, Physiology and Molecular Biology of Plants

## WORK EXPERIENCE

**Price.com, San Francisco, CA**

**May 2018-Current**

**Business Development Independent Contractor**

- Company profile: An AI powered search engine dedicated to maximizing savings for customers
  - Contacting retailers to acquire data feeds from new retailers
  - Communicating with the data engineering team to facilitate the addition of new data feeds to price.com's database
  - Ensuring that price.com's database includes correct product data

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

**September-October 2017**

**Winemaking Intern**

- Company profile: A medium sized urban winery specializing in Pinot, Chardonnay, and Syrah blends
  - Collecting and reporting brix measurements of sugars during fermentation
  - Wine-making for five labels ranging from production level sales to smaller, independent labels
  - Collaborating with several Independent contract winemakers to compare and test different winemaking styles and practices

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

**July-December 2016**

**Research Winery Intern**

- Division profile: A small scale, research winery tasked with monitoring 550 ten-gallon fermentations
  - Collaborating with other departments in the company to prepare project specs for various R&D projects
  - Conducting a personal harvest project to test for various off-note compounds in the finished wine
  - Inoculating ferments with various yeast strains and monitoring brix levels throughout the fermentation

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

**January-May 2016**

**Research Assistant**

- Department profile: A research department dedicated to sustainable plant development
  - Designing and planting a small vineyard with Pierce Disease resistant vines from UC Davis
  - Researching the various types of trellising systems for vineyards and designing the trellis system for the project
  - Randomizing the experimental field layout for the various varieties planted using Excel
  - Preparing tissue samples for a project testing freezing temperatures on bud development in stone fruit