



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, 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

jessiditocco.com | Check out my personal portfolio at 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

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

WORK EXPERIENCE

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

University of Florida Summa Cum Laude

College of Agricultural and Life Sciences Anderson Scholar