

MELISSA DOUGLAS

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FULL STACK WEB DEVELOPER

Multidisciplinary Full Stack Web Developer with a passion for condensing large data into a simple to understand story and building websites from mockup to rollout. Adept at working independently as well as collaborating with teams across multiple functions to break down concepts in layman terms. Bring experience obtained through a cross-functional organization to streamline data analysis, reporting, and auditing. Prepared to excel in solving complex problems. Fluent in English and Spanish.

TECHNICAL SKILLS

Languages: Python 3.6.4, SQL, Java, C++, HTML/CSS, JavaScript, CSS, CSS3, HTML5, JSON

Data Manipulation & Visualization: Pandas, Numpy, Matplotlib, Plotly, BeautifulSoup

Database: MySQL 5.7, MongoDB, SQLAlchemy, Access,

Other: Flask 1.0, Heroku, Git, Bash, Microsoft Office Suite

PROJECTS

Will It Kill Me? - [Live Demo](#) | [Github Repo](#) **2017– 2018**

Full-stack web app that identifies and classifies food allergens

- Led a team of three in creating a full-stack web app that uses AI and ML to analyze and classify images of food in order to identify and display common food allergens.
- Tools used: HTML5, CSS3, JavaScript, jQuery, Node.JS, Express, dotenv module, Clarifai AI API (image recognition as a service), and Cloudinary API (cloud media storage)

The National Stroll - [Live Demo](#) | [Github Repo](#) **2017– 2018**

Interactive (mobile first) map of the National Mall in Washington, D.C

- Built the National Stroll app to provide users with an easy and convenient interactive map with summarized information and locations of major sites at the National Mall in Washington, DC.
- Tools used: HTML5, CSS3, Materialize CSS, JavaScript, jQuery, Leaflet JS, and Wikipedia API

TruckTrack - [Live Demo](#) | [Github Repo](#) **2017– 2018**

Full-stack web app that connects food-truck owners with their customers

- Designed an app that allows customers to track preferred food trucks around the DC Metro Area and food-truck owners with a platform to share their (live) location and business profile.
- Tools used: Node.JS, Express, MySQL, Sequelize, Passport, HTML5, CSS, Bootstrap (v4.1), Javascript, jQuery, Leaflet (JS interactive mapping library), Animate.css, Handlebars

EXPERIENCE

DreamHack **City, State**
Data Analyst **2018 – 2018**

Adhered to complex guidelines to create gaming computers. Liaised between cross-functional teams to ensure platforms and applications remained user/customer friendly. Cultivated a positive workplace culture due to superior customer outreach, follow up and support, and team roadmap design.

KEY ACHIEVEMENTS:

- Rearchitected twenty gaming computers for streamer/content creator use.
- Upsold services to leverage the number of users from 200 to over 2,000 in less than a year.
- Debugged technical issues during the scheduled streamer's time slot.

EDUCATION

Full Stack Web Development
School Name – City, State

A 24-week intensive program focused on gaining technical programming skills in Excel, VBA, Python, R, JavaScript, SQL Databases, Tableau, Big Data, and Machine Learning.