

Laura Marsh

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EXPERIENCE

TenantBase — *Front End Web Dev Intern*

JUNE 2017 - PRESENT

- I worked on Search Engine Optimization for tenantbase.com by improving market pages to be more efficient/noticeable to the Google crawler. I familiarized myself with various web frameworks, applied database queries, and caching practices in Python.
- Technologies: Python, HTML/CSS, JavaScript, Django, Sublime Text 2, Git, VirtualBox.

Inwerks — *Android OS Dev*

DEC 2016 - MARCH 2017

- I developed the Android OS version of the Inwerks application by modifying & debugging existing code to correct previous errors, upgrading the user interface, and improving overall look and performance. I researched and used various outside APIs to enhance app functionality.
- Technologies: Java, Android Studio, Ubuntu

Dell/EMC - DSSD — *Firmware QA Intern*

JUNE 2015 - SEPT 2017

- I adapted existing programming to new hardware and improved overall test performance by working closely with experienced team members. I performed system-level testing and debugging to verify quality and function, and researched various testing techniques to ensure product functionality.
- Technologies: Python, Sublime Text 2, Git, Raspberry Pi, Ubuntu

PROJECTS

Kurzgesagt Landing Page — *HTML | CSS | Javascript*

A small landing page I created for a Youtube series I adore called 'Kurzgesagt'. I used this page to practice programming with basic Javascript and many popular web-design techniques and frameworks such as mobile-first web-design, Bootstrap, and combining online templates.

Multithreaded Elevator Simulator — *Java*

A small project dedicated to understanding multi-threading in Java. This program simulates 5 elevators (as threads) inside a building, picking up and dropping off pedestrians on random input intervals.

MapQuest Simulator — *Python*

A simple terminal-run program that displays information about a journey from input location A to input location B using the Open MapQuest API. The project displays a trip's step-by-step directions and total estimated duration, among other characteristics. Inputs are real-life destinations, and information outputted is realistic and accurate to the MapQuest API.

Personal Website — *HTML | CSS | Javascript | GitHub*

Much like this resume, my personal site lists my past accomplishments. I've had this website since early in my programming career and have used it to research and explore my ideas in web development. The site is made from scratch, and uses almost nothing from online templates, frameworks, etc., as a way for me to perfect particularly my HTML/CSS/JS abilities.

EDUCATION

B.S. in Software Engineering University of California, Irvine

- Member of Theta Tau, a professional engineering fraternity
- Informatics & Computer Science Student Council, member

COURSES

- Programming in Python, Java, C++
- Data Structures
- Algorithms Analysis
- Computer Networks
- Software Testing & QA
- Software Design & Implementation
- Intro to Product Management
- User interaction Software

SKILLS

Proficient: Python, Django, HTML/CSS

Familiar: Java, C++, Javascript, JSON, SQL

Tools: Sublime Text 2, Eclipse, VirtualBox, Ubuntu, GitHub, Android Studio, MySQL