

Meekit Patel

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Portfolio:
<https://mpatel18.github.io>

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Professional Summary

A University of Maryland graduate with experience developing commercial and web based software. Proficient in Java, Python, and JavaScript with an understanding of object-oriented programming.

Education

University of Maryland, College Park
Bachelor of Science, Computer Science

2019

Skills

- | | | |
|--------------|---------|--------|
| • JavaScript | • HTML5 | • CSS3 |
| • Python | • Java | |

Projects

Economic Evaluator Web Page: A prototype web service created with the USDA for farmers to find the economic benefits for both the short and long term of certain cover crops in their crop rotation.

- Implemented live data functionality using Python that pulled current prices from Yahoo Finances and stored the data on a persistent MySQL database
- Established a back-end server using Django with MySQL as the database to keep user data such as login information and previous data entries
- Handled project management, tasking, and project testing in our 8-person group
- **Utilized:** Python, JavaScript, HTML5, CSS3, Django, MySQL, SVN

HexConnect: A web game using Phaser, an HTML5 game framework. Hexconnect is based on the popular IOS and Android app Dots created for a private client.

- Applied a unique algorithm to determine the nearest dot with its corresponding colored dot
- Implemented a path tracing algorithm to connect similar colored dots
- Created simplistic 2D dot asset to be used ingame
- **Utilized:** Javascript, HTML5, Phaser

Service Site Template: A landing page for a service based website called Build.net. Giving user's a simple website design for a site that wants to promote their service or skill.

- Designed the template based around modern website design
- Applied a feature that allows users to write and store reviews onto the list of existing reviews
- Implemented a simple way of swapping between different languages such as from English to Spanish
- **Utilized:** Javascript, HTML, CSS, Vue.js

Weblog: An open source web blog, created using the Django framework on the backend, Bootstrap framework on the frontend, and SQLite as the database.

- Designed a simplistic web page layout using Bootstrap
- Allowed users to register and login using Django built user authentication system
- Implemented a post feature using python to allow users extensive utilities such as making posts, editing/updating posts, deleting posts
- **Utilized:** Python, HTML, Django, Bootstrap, SQLite, Git