

Umair Shabbir

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Education

Hofstra University | BA in Biology

Graduation Date: May 2015

Activities: Neuroscience Club

Employment

Freelance Graphic Designer | New York City

Sept. '18 – Present

Adobe Photoshop, Adobe Illustrator

- Needed scheduling flexibility to take care of some personal matters so I switched to freelance work
- Developed and implemented designs to existing and new product packaging
- Prepared and sent final artwork to vendors to produce
- Prepared and produce web imagery used by various local retailers

Skills

Language Python, C++ *Familiar with* .NET, JavaScript, R Programming

Web Flask, Restful APIs, React, Redux

Libraries NumPy, Pandas, bootstrap, requests, BeautifulSoup4, Selenium

Databases SQLAlchemy, MongoDB

Projects

A* (star) Pathfinding Algorithm

JavaScript, P5.js

Implemented an A* pathfinding algorithm to find the optimal path (using Euclidean distance) between two points in a 2D grid.

Anime Image-Downloader

Python, BeautifulSoup4, request

Created an image scrapper and downloading script. Images scraped from the website ZeroChan.net

Wallpaper Searching/Scraping Web App

React, regex, react-bootstrap, fetch, cheerio

Created a React image scraping website

TikTok Video-Downloader

Python, BeautifulSoup4, request

Created an image scrapper and download for the website ZeroChan.

Zip Code-Temperature Web App

NodeJs, ExpressJs, JQuery, Dark Sky API, zippity-do-dah

Created a weather app which gives you the current temperature based on a U.S ZIP code. Live

Professional Development

The Complete 2019 Web Development Udemy Course | Udemy

Dec '18 - Mar '19

HTML, CSS Bootstrap, JavaScript, DOM, JQuery, NodeJs, Git, ExpressJS, SQL, MongoDB

- Created multiple small app such as a random dice roller
- Created a fully functional blog site
- Built a RESTful API from Scratch

Data Science: R Programming | HarvardX

May '18 - May '18

R Programming

- Analyzed and graphed complex data using various statistical methods

Programming: Bioinformatics for Beginners | Mitx

Jun '18 - Aug '17

Python

- Created algorithms to analyze DNA/RNA and proteins