





Frederick Ho

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Skills

Platforms

Github Zenhub
Linux Windows
MS Office phpMyAdmin
Firebase Django

Languages

Python C/C++
HTML/CSS Javascript
PHP MySQL
Java

Knowledge Of

FTP/Networking
Computer hardware
TCP/IP JQuery
Multiple browsers
Selenium

Education

University at Buffalo (UB), Buffalo, NY
Computer Science B.S., GPA: 3.1/4.0
Dean's list, Fall 2016, GPA: 3.6/4.0

Graduating May '19

Projects

DKDrafter

Django web app that optimizes a lineup for NBA games based on 2K19 ratings and FPPG

Stores player data in an SQLite3 database

Usage of python requests, sqllite3, django, HTML/CSS

Random Text Generator

Java program that generates nonsense language via command line

Generates paragraphs, lists, and words with complete html tags

Supports interactive mode, similar to python's interactive mode

BudgetBud

Budgeting web app with Firebase authentication

Allows users to set budgets and upload spent money for various categories to Cloudstore

Pulls values from Cloudstore to display in a double bar graph for visual representation

Room Counter

Embedded system on Adafruit's Feather M0 Wifi w/ ATWINC1500

Tracks number of people in a room through 2 Passive Infrared motion sensors

Uploads and displays data on Arduino's web server

Work Experience

Office of Assemblymember Mosley, NYS Assembly (June 2018 - August 2018)

Walter Mosley App

Connects constituents to Assemblymember Mosley's Facebook, Twitter, Gmail, Youtube, Instagram

Published app in Google Play Store

Provided customer support for constituents