





Frederick Ho

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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 a MySQL database

Usage of Python modules CSV, BeautifulSoup, Requests, MySQL, Django, HTML/CSS

BudgetBud

Budgeting site with Firebase authentication

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

Usage of Google Firebase, Google Cloud Firestore, HTML/CSS/JavaScript

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

Usage of C, Arduino, IoT

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

Skills

Platforms

Github Zenhub
Linux Windows
MS Office phpMyAdmin
Firebase Django

Languages

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

Knowledge Of

FTP/Networking
Computer hardware
TCP/IP Selenium
Multiple browsers

Relevant Classes

Machine Learning, Operating Systems, Software Engineering, Human Computer Interaction, Compilers, Embedded Systems