# Frederick Ho

🌐 frederickho.com
Ⓖ fredericklcho@gmail.com
📞 347-272-8233
⌗ fredlcho

## Skills

| Platforms | | Languages | | Knowledge Of | |
|---|---|---|---|---|---|
| Github | Zenhub | Python | C/C++ | FTP/Networking | |
| Linux | Windows | HTML/CSS | Javascript | Computer hardware | |
| MS Office | phpMyAdmin | PHP | SQL | TCP/IP | Selenium |
| Firebase | Django | Java | | Multiple browsers | |

## Education

University at Buffalo (UB), Buffalo, NY                    Graduating May '19
Computer Science B.S., GPA: 3.1/4.0
  Dean's list, Fall 2016, GPA: 3.6/4.0

## 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

## Relevant Classes

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