

MARVIN DIZON

2125 Pine St - Wantagh, NY 11793

(516) 840-1862 - marvindizon93@icloud.com - <http://www.marvindizon.com>

Education

2014 – 2017 **B.S in Computer Science Hofstra University, Hempstead, NY**

Skills

- **Programming Languages:** Java, Python, HTML, CSS, JavaScript, Node.js
- **Data Management:** PostgreSQL, MySQL

Projects

timeMe - Personal Time Management Web Application

- timeMe is my personal time management software which tracks the amount of time, by hour, of which I do certain day-to-day tasks. This helps me see what tasks I need to either focus on, or do less of. timeMe utilizes PostgreSQL for backend database, Node.js for server side SQL executions, and Tableau to connect to the database and it's JavaScript API to embed the data visualization onto this page.
- Technologies used: HTML, CSS, JavaScript, SQL, Tableau JavaScript API, Node.js

EyeDetect (Senior Design Project, Fall-Spring 2017)

- A surveillance system that enhances the user's surveillance capabilities, where it utilizes the use of human shape recognition in a camera
- Technologies used: Raspberry Pi, OpenCV, Dropbox API, Python

Fitness Trax (Software Engineering course, Spring 2016)

- Teamed up with 3 students to create a mobile application, designed to track and monitor user's health for a healthy and balanced life, published to the Google Play Store for Android
- Used National Nutrient Database API to integrate to our Food Search algorithm to pull info such as Protein, Carbs, Calories, and more.
- Used SQLite to read/write to a database of food history
- Won first place and prize total of \$400 out of class of 30 students.
- Technologies used: Android Studio, GitHub, Google Drive, Java, XML, SQL

Experience

New York University – NYU Division of Libraries

IT Specialist

April 2019 – Present

- Coordinated with the expansion of the 'Parking Lot' project – detection of how busy certain zones are in the library
- Provide first-line hardware, software, networking and printer support to faculty, administrators, staff and students
- Supervise 8 student technicians responsible for providing production support to the Bern Dibner Library staff and 3,000 daily visitors
- Managed a \$150,000 IT budget for the yearly summer hardware refresh project to evaluate and purchase, through software and hardware vendors, for certain product specifications

Miscellaneous

- Bilingual, fluent in both English and Tagalog