MARVIN DIZON

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Education

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

Skills

- **Programming Languages**: Java, Python, HTML, CSS, JavaScript, SQL
- **Software**: Sqlite3, MS Office, G Suite

Projects

MyTime - Personal Time Management Web Application
- myTime 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. The Alpha version of myTime utilizes an embedded sqlite3 database where I use Tableau and it's JavaScript API to embed the data visualization onto my webpage: http://www.marvindizon.com
- Technologies used: HTML, CSS, JavaScript, SQL, Tableau JavaSCript API

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
- 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
- Day to day operations such as but not limited to media AV support including Kramer systems, setting up and maintaining processes and workflows to keep workstations and laptops operationally sound and secure

Miscellaneous

- Bilingual, fluent in both English and Tagalog