Jacky Eng

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Profile

- Recent graduate seeking entry level software development related experience.
- Strong work ethic in team and/or individual settings to drive product success and process efficiency.
- A fast learner with strong time management and multi-tasking skills.

Technical Skills

Programming Languages: Java, Python, HTML, XML, CSS, JS
Frameworks: NodeJS, Django
Other: LAMP(Linux, Apache, MySQL, PHP) Stack, Android Studio, Jupyter Notebook, Tableau, Blynk Cloud, Office 365

Work Experience

New York City Transit MTA – *Brooklyn, NY*   July 2019 – August 2019
Data Entry Intern
- Presented data visualization of company's work assets in weekly meetings
- Generated work procedures through **Word** and **Excel**
- Held workshops and trained 50+ employees scanning, printing, and labeling barcodes
- Organized company's asset records using **Python** and **Excel** tools

NYC Health + Hospitals – *Manhattan, NY*   June 2018 – August 2018
IT Intern
- Deployed and imaged more than 300+ computers in multiple hospital sites throughout NYC
- Assisted in troubleshooting computer technical problems

Education

State University of New York: University at Buffalo   August 2016 – Expected May 2020
B.S. Computer Science, Fall 2017 Dean's List
- <u>Related Coursework</u>: Software Engineering, Data Intensive Computing, Web Programming

Project Experience

Ez Eatz – *Software Engineering Course Senior Project*   September 2019 – December 2019
Full-Stack Android Development (*https://github.com/Jengworks/Ez-Eatz*)

- Collaborated in an agile team developing an **Android** app in **Java** that helps people find and decide on nearby eateries
- Performed background tasks with **AsyncTask** and stored user information using **SharedPreference** library
- Used **ZenHub** for scrum board and **GitHub** for version control
- Worked with **Google Places API** to gather existing data of food places and **Espresso** framework for UI testing

WatChuWant – *UB Hacking 2019 Hackathon Project: Wegman's API Challenge*   November 2019
Full-Stack Web Development (*https://devpost.com/software/whatchuwant*)

- Successfully built a **HTML**, **CSS**, **JS**, **Python**, **Django** web stack, asking the user what they felt like eating and desired amount of prep/cook time.
- Incorporated Wegman's API to display a list of available recipe links related to user's inputs, and redirect them to Wegman's main website for full dish details

Twitter Application Development – *Data Intensive Computing Course Project*   March 2019 – May 2019
Back-End Developer (*https://github.com/Jengworks/Twitter-Application-Dev*)

- Developed a twitter app in **Python** and **R** to gather over 10,000 tweets through **Twitter API**, finding hashtags related to a user's input of keywords
- Extracted, cleaned, and formulated data sets of tweets consisting usernames, text, and lat/long locations into .csv files
- Hosted a **Shiny** web server displaying generated United States heat maps that show the number of users in each state that used the keyword in their tweets.
- In addition, used **Tableau** to illustrate the frequent words used in the tweets

Automatic Door Lock – *A Fun School Dorm Project With My Roommates*   February 2019 – May 2019

- Managed **NodeJS** web server on a Raspberry Pi communicating to **Blynk Cloud**, granting my roommates and me remote access to our 20kg servo that acted as the automatic door lock
- Developed a **bash** script for real-time tracking system that records a user's interaction with the door at any given times