**Raymond Hu**

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**EDUCATION:**

Syracuse University *August 2014 - December 2018*

M.S in Computer Science *Overall GPA: 3.70*

**SKILLS:**

*Languages:* Java, C++, Python, Haskell, MySQL

*Other:* Android, MongoDB ,Git, Spring Boot , Maven

**EXPERIENCE:**

**JPMorgan Chase Software Engineering Intern,** June 2017- August 2017

* Developed an orchestra engine with Java Business Process Model, HTML, AngularJs to create a centralized system for managing workflows using different API calls to various REST services.
* Created a backend Java Spring Boot rest service to manage API calls to database.

June 2018- August 2018

* Backend health monitoring application in Java for scheduling status checks on all applications deployed on a cloud server. Utilize cloud APIs for restarting applications with logs synchronized with Splunk for data analytics. This was also integrated with an email system for internal notifications on application statuses.
* Full stack development for an onboarding application using HTML and AngularJs for front-end input and data transfer to Java rest APIs. Wrote SQL queries for managing the data in a Sybase database.

**CODING APPLICATIONS:**

**Halos:** Designed and built Android mobile app for tourists to obtain an optimal route for visiting different landmarks by cities by Google Maps API. Built an in-app store page that processed payments through PayPal API. Developed a backend Python REST API that managed database calls to MongoDB and connected native Android code that worked on the front-end.

**NHU:** Developed Android app built for users to host events in their area which others can join for a fee or free. Data storage and login authentication was implemented with Google Firebase. Added voice to text and YouTube API to allow users to customize their events. Used Google Maps API to show user markers on screen based on location through HTTP calls for processing current location latitude and longitude.

**Twitter Bot Detection:** Python application to detect bots on Twitter. Cut down text processing time by hours through utilizing lexical diversity over a document-term matrix. Data visualizations in R.