**LIU, Qinhan Henry**

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**CAREER**

**JPMorgan Chase & Co. |** *Summer Technology Analyst*Jun. 2018 - Aug. 2018

* Analyzed business flows and identified pain points of the operations.
* Designed several automated solutions including web application and cloud application.
* Helped implement the cloud solution.
* Received pretty positive feedbacks overall throughout the internship.

**Nanosystem Fabrication Facility HKUST |** *Web Developer* Jun. 2017 – Dec. 2017

* Built a web application for managing the inventory of chemical gases using ASP.Net and C#.
* Retrieved data from remote MS Server and displayed reports using C3.js.

**EDUCATION**

**Hong Kong University of Science and Technology |** Hong KongSept. 2015 - Present

Bachelor of Computer Science and Engineering Expected Graduation: Jun. 2019

CGA: 3.792/4.3 09/2015-08/2018 TGA: 4.17/4.3 09/2016-11/2016

**Georgia Institute of Technology** | Atlanta US Jan. 2018 - May. 2018

Undergraduate Exchange Student Program

TGA: 3.75/4.0 01/2018-05/2018

**Awards**

**Ho & Ho Foundation Scholarship** | *Awardee* Sep. 2015 - present

* Awarded a full tuition fee of 120k HKD and a life allowance of 50k HKD each year while studying in HKUST by the performance of Gaokao.

**Dean’s List of the School of Engineering** 2016-2017 Fall, 2017-2018 Spring & Fall

**ACADEMIC PROJECT**

**“Data & Visual Analytics” CX 4242 Georgia Tech** Jan. 2018 - May. 2018

Repo: <https://github.com/qliuan/CX4242>

* Collected data from Twitter REST API, visualized the data using Gephi, used D3.js to visualize the data, used Google Refine for data cleaning and practiced Flask and JQuery for Web Dev.
* Visualized the data using Tableau, finished a force-directed graph, a scatter plot, a heatmap, a dendrogram (collapsible tree) and a choropleth map using D3.js.
* Tried out Hadoop, Spark/Scala, PIG and used Azure ML Studio for regression model.
* Completed a scalable single-PC PageRank program on 70M edge graph using Pypy, implemented Random Forest Classifier and practiced Scikit-Learn.

**“Introduction to Database Systems” CS 4400 Georgia Tech** Jan. 2018 - May. 2018

Repo: <https://github.com/qliuan/vue>

* Studied the principles of database management system in the lectures.
* Built a web application solution using node.js, vue.js and MySQL database.

**SKILLS**

**Languages** Mandarin (native), English (fluent), Cantonese (conversational)

**Programming** Python, javascript, C++, C#, ASP.Net experienced in full stack development, machine learning, data mining & visualization