



# Yuta Hayashi

yuta.hayashi96@gmail.com | +81-80-6619-4899 | : <https://github.com/YutaUtah>  
: <https://www.linkedin.com/in/yutahayashi/>

## OBJECTIVE

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Working at Bloomberg L.P. building tools to automate daily tasks. Spent 2 years developing the skills to increase financial data domain knowledge. Strong scripting language aptitudes in Python and JavaScript. Good experience with developer tools. Currently looking for software developer opportunities based on my skill sets.

## EXPERIENCE

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### Bloomberg LP

Tokyo, Japan

Earning Estimates Data Analyst / Data Developer

October 2019 - Present

- Developed alert service that enables us to prevent 1000 erroneous data point annually with TechOps team using **Python**, **Oracle Database**, and ensure CI/CD in product developing
- Developed XML file parsing infrastructure to save 500 hours of data capturing annually using **Python** and **Oracle Database** with TechOps team
- Automate news contents data extraction workflow that extracts outstanding market trend to generate equity estimates data driven financial news in a monthly basis
- Manage group of 5-6 people to work on the project and present our achievement to the management level
- Engage with data provider clients and constantly come up with data quality and timeliness enhancement
- Provided excellent financial data-related customer assistance and outstanding client service
- Created clear customer support performance KPI with 2 million rows of data using **Python** and **SQL** and analyzed overall statistics with **Qlik Sense**
- Automated Qlik Sense on-board data process which saved 1 hour of weekly manual work

### Lawrence University

Appleton, WI

Machine Learning Research

January 2019 - June 2019

- Researched statistical significance and simulated most optimizing method of clustering
- Utilized Python packages such as **tensorflow/scikit-learn** to conduct clustering analysis on FIFA players' data

### Litalico

Tokyo, Japan

Data Analyst Intern

November 2018 - December 2018

- Initiated research to cleanse complex customer feedback data to build predictive models with **Python** to establish new user acquisition strategy
- Managed a user history data by extracting, cleaning, and merging from different tables using **SQL**
- Presented data summary report to executive board meeting in visually coherent and non-technical way that was used to achieve 11% sales growth with no negative cost impact

## PROJECTS

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- **Module Analyzer:** <https://github.com/YutaUtah/ModuleAnalyzer>  
Created Python Module to analyze the project structure including test functions(pytest, mock)
- **REST API for Leetcode Record Data:** <https://github.com/YutaUtah/LeetCodeAPI>  
Designed REST API to add data via POST request and display records via GET request in web browser using Golang

## SKILLS

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- **Programming Languages:** Proficient : Python, JavaScript, SQL(Oracle, MySQL), Shell, Bash Intermediate: Golang, R
- **Tools:** Proficient: Git, Unit Testing Intermediate: Spark, AWS, Docker, Qlik Sense
- **Operating System:** Windows, Mac OS, Linux
- **Development:** Django, RESTful API, CI/CD tools(Jenkins), tox, JIRA, HTML, CSS
- **Languages:** Native Level Japanese, Fluent Level English (TOEFL 110/120 December, 2014)

## OTHERS

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- **Hobbies:** Piano, Soccer(NCAA Division 3 College Varsity Athlete), Driving/Maintaining a classic car
- **Engagement:** Work as a part of Diversity and Inclusion committee at Bloomberg to increase awareness of the firm's diversity by writing monthly article

## EDUCATION

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### Lawrence University

Appleton, WI

Bachelor of Arts, Major: Mathematics; Minor: Physics GPA: 3.7 / 4.0

June 2019