Yuta Hayashi

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1121 E Hyde Park Blvd, Chicago, IL 60615

EDUCATION

Lawrence University	Appleton, WI

Bachelor of Arts, Major: Mathematics; Minor: Physics and Anthropology GPA: 3.71/4.0 — *June 2019*

Dean's Honor List | Lambda Sigma Honor Society

EXPERIENCE

Lawrence University	Appleton, WI

Machine Learning Independent Research — *January 2019 - June 2019*

- Implemented K-means and hierarchical clustering using FIFA 2019 players data with **R** and **Python**
- Created a linear regression model to predict players' compensation

Litalico	Tokyo, Japan

Data Analyst Intern — *November 2018 - December 2018*

- Cleansed customer feedback raw data and predictive models with **R** to forecast potential customers
- Achieved 11% sales increase through predictive analysis on a large, complex data set
- Managed large customer information data sets utilizing **SQL** to better organize customer feedback
- Advised the other team on how to design customer feedback questionnaire and conducted customer interviews
- Presented data summary report to executive board meeting in a visually coherent manner

Cheerio	Tokyo, Japan

Data Analyst Intern — *June 2017 - August 2017*

- Performed interpretational marketing data models by identifying business trends and issues using **Excel**
- Accomplished 5% sales increase in Tokyo within 2 months by providing crucial insights into sales forecasts
- Provided income and expenditure forecasts with predictive models by interpreting existing sales data using **R**
- Created a presentation of the data analysis to executive board with actionable insights and visualization

Housmart	Tokyo, Japan

Web Consultant Intern — *June 2016 - August 2016*

- Achieved 20,000 website viewers increase by utilizing **Google Analytics** and A/B test
- Maintained user data quality and integrated data using **SQL**
- Managed companyâĂŹs social media platforms with **HTML**, **CSS**

PROJECT

Lawrence University	Appleton, WI

Statistical Modeling Independent Project — *September 2018 - November 2018*

- Learned advanced statistics and applied to complex human freedom index data sets with scikit-learn package
- Created statistical models with **Python** and presented interpretational summary data to faculties

SKILLS

- **Tools**: R (3 years), Python (2 years), SQL (1 year), MS Excel (V-lookup, Pivot Table), Mathematica (2 years), LaTeX(1 year)
- **Skills**: Hypothesis testing, Regression analysis, Data mining, Predictive modeling, Data visualization, Machine learning, Cross validation, Optimization, Clustering, Classification, K-means, Scikit-learn
- **Courseworks**: Scientific Programming, Quantitative Analysis, Linear Algebra, Optimization, Statistical Modeling
- **Co-Curricular Activities**: Varsity Soccer, Student Government (Board Member), Sigma Phi Epsilon (VP Finance)
- **Work Authorization**: I am authorized to work in the United states without sponsorship until July 2022