

Tyki Wada

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Education

BS Applied Statistics and Analytics

Brigham Young University | GPA 3.71 / 4.00

Provo, Utah

Graduating April 2020

- Mu Sigma Rho (National Statistics Honors Society); President's Leadership Council Merit Scholarship
- Management Research Representative, *Tokyo University*
 - Article: [A Meta-Analytic Test of Burnout and Engagement](#)

Work Experience

Business Analytics Intern

Knoxville, Tennessee

Jewelry Television

May 2019 – Present

- Managed in-house/competitor pricing and product score projects as part of a company-wide pricing initiative
- Trained associates and interns on R and Keras interfaces for data-cleaning, machine learning, and AI projects
- Replaced groupings of products using machine learning; increased product benchmark accuracy by 40%

Data Scientist Intern ([work](#))

Livermore, California

Lawrence Livermore National Laboratories

Oct 2018 – April 2019

- Under the direction of premier physicists, predicted 3D laser fusion results using Deep Convolution algorithms
- Reconstructed simulations of plasma reactions, potentially saving an energy runtime of up to \$500,000/year
- Led a team of 3 students in optimizing data cost to create a VR backend to be used towards local STEM outreach

Summer Business Data Analyst

Tokyo, Japan

FranklinCovey

May 2018 – Aug 2018

- Developed over 15 custom dashboards for the President and Sales Partners using Salesforce and Shiny
- Presented cost-cutting options of up to 11% to the Marketing VP and President through various simulation models
- Implemented an ARIMA Time Series model and improved existing forecasting techniques by 45%

Volunteer

Teaching Assistant

Provo, Utah

BYU Department of Statistics

Jan 2018- Apr 2019

- Partnered in the complete reconstruction of the beginner R course to enhance average skill-level of BYU Students
- Monitored test creation for difficult statistical concepts: Monte-Carlo, Bayesian Analysis, Bootstrapping, etc.

Co-President

Provo, Utah

BYU Japanese Student Association

Jun 2017- Jan 2019

- Helped found and led a team of 10 students, achieved unique attendance of 300 individuals in 3 months
- Placed over 30 students in internships/full-time jobs in Japan by initiating company visits and internship programs

Skills & Portfolio

- | | | |
|-----------|--|--------------|
| ▪ R | ▪ Python | ▪ SQL |
| ▪ SAS | ▪ Git | ▪ Salesforce |
| ▪ Alteryx | ▪ LinkedIn Recruiter (2016 internship) | ▪ Japanese |

- Please view my Analytics Blog and Portfolio: <https://tykiww.github.io/CV>