

Tyki Wada

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99 W South Temple St., UT 84150

Education

BS Applied Statistics and Analytics

Provo, Utah

Brigham Young University | GPA 3.71/4.00

Jun 2013 – Apr 2020

- Mu Sigma Rho (Statistics Honors Society), President's Leadership Council Scholarship (2-time Merit Based)
- Research Representative: Management Research Assistant, *Tokyo University*
 - Article: [A Meta-Analytic Test of Burnout and Engagement](#)

Work Experience

Business Analytics Intern

Knoxville, Tennessee

Jewelry Television

May 2019 – Present

- Created a package to develop analytical clusters for product types as part of a company-wide pricing initiative

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

- Constructed 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
- Employed an ARIMA Time Series model and improved existing forecasting techniques by 45%

Development Data Analyst

Tokyo, Japan

Meta-Work Life

Nov 2016 – Nov 2017

- Performed Regressions and ANOVA of client behavior data to mitigate cases of internal fraud and burnout risk
- Revised statistical data of executive summary reports and advisory slides for 2 big-industry Japanese clients

Volunteer

Teaching Assistant

Provo, Utah

BYU Department of Statistics

Jan 2018- Present

- 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
- Modeled for sustainability by expanding channels of opportunities: Jobs, internship programs, company visits...

Skills & Portfolio

- R
- Python
- SAS
- PL/SQL
- Weka
- Japanese

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