

# Christopher Chweya-De La Torre

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## EDUCATION

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The University of Texas at Austin | Austin, TX

May 2022

*Bachelor of Arts, Asian Cultures & Languages -in Japanese - Certificate in Scientific Computation and Data Sciences*

Relevant coursework: Data Visualization, Elements of Regression and Data Manipulation, Elements of Programming

## SKILLS

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**Technical Skills:** Intermediate R [ggplot2 library], Beginner Python 3, Beginner C/C++/Linux, Advanced Microsoft Excel

**Languages:** Native English, Conversational Japanese

*U.S. Citizen - eligible to work in the U.S. with no restrictions*

## PROJECTS

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**MULTIREGRESSION ANALYSIS PROJECT:** Explored an example dataset to become familiar with R tools by filtering, observing, comparing, and counting variables to visualize interactions among the variables in the data set for Elements of Multi-regression Analysis.

**C++ Cypher Coding Project:** Created an in-depth Encrypter and Decrypter for word strings within a C++ for a University coding exposition.

**DATA STATISTICS DEPARTMENT RESEARCH:** Explored a public dataset with PGA Tour Professional Golf Statistical information from the Official Tour Website using dplyr and Microsoft Excel to tidy, select, arrange, mutate, create summary statistics, utilize ggplot, find pairwise relationships, and run tests to discover which Golf Statistics proved to have a statistically significant impact on a golfer's score for a round of golf.

## EXPERIENCE

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Department of Data Statistics Research Project Partnership| Austin, Texas

Fall 2021 Semester

*Data Analysis*

- Analyzed golf statistical information submitted by Shot Link – courtesy of the PGA Tour - working with Microsoft Excel to identify a multi-linear regression model for predicting score after one round of golf.
- Cooperative project directly with Dr. Matthew Hersh. All published results can be found on GitHub profile's Public Repository ([Everafter28](#) / [UT-Department-of-Data-Statistics-Research-Project-Documents-Fall-2021-](#))

## COMMUNITY INVOLVEMENT

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KEEP AUSTIN BEAUTIFUL | Austin, TX

March 2019

- Participated in a 2-day, 5-hour clean-up campaign with the University of Texas Club Golf Organization to help clean up and pick up trash around one of Austin's Trinity Lake Bridges, coordinating with other Club Sport Organizations.