

# Brooks Diwu, Data Analyst

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I am a Data Analyst who is highly motivated and driven to solving difficult problems using my knowledge of probability and statistics as well as different coding languages. Data is something that has always fascinated me as a kid and thus I am pursuing a career in Data Analysis. I'm seeking opportunities in which I can analyze different sets of data to solve problems.

## EXPERIENCE

**AAT Bioquest** Sunnyvale, California  
*Data Analyst*

June 2017 - September 2018

Used Python to create scripts that parsed through data that was given by Google analytics from the company website. Also created calculators for different statistical tests using R and PHP such as Rank Tests, Log Tests, KS Tests, etc. Used R and Tableau to go through data given by the National Institute of Health in order to find what kind of areas and customers the company should target with marketing.

## EDUCATION

**University of California San Diego** La Jolla, California  
*Mathematics Probability and Statistics B.S.*

June 2019

Related Courses Completed: Intro to Java, Data Structures, Software Tools and Techniques, Algorithms and Systems Analysis, Stochastic Processes, Mathematical Statistics, Time Series, Computational Statistics, Business Analytics, Combinatorics

## SKILLS

### Statistical Tools -

Proficient in Python, R, MATLAB®, Excel, SQL, Tableau

### Programming -

Proficient in Java, C, C++ and using Vim

### Other -

Bilingual: Can read, write and speak in both English and Chinese  
Microsoft Office skills, Teamwork and Communication skills

## LEADERSHIP POSITIONS

### UCSD CASA

*External Vice President*

Communicate with different schools, organizations and companies in California and set up monthly events between these schools, organizations and companies of upwards to five hundred people as well as monthly activities for only UCSD students of upwards to one hundred people.

### UCSD TASA

*Head of Staff and Family*

Lead a committee of fifty prospective board members who want to do more for the organization. Guide the staff through how to register for, set up, plan, and execute an event for over one hundred general members every quarter. The staff program also serves as a mentorship program newer students.

## REFERENCES

*References are available upon request.*