Keith Tung

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Education

Brigham Young University – Idaho

Bachelor of Science in Data Science
Graduation: Fall 2020

- Cumulative GPA: **3.95**
- Minor in Statistics
- Cluster in Computer Science

Skills and Coursework

R, Python, SQL, C++,

Java, LATEX, Power BI,

Machine Learning,

Statistical Testing and Consulting,

Database Programming,

Discrete Math & Data Structure,

Data Wrangling & Visualization,

Object-Oriented Programming,

Application Development (Android)

Other Experience

Language Tutor
|Sept 2018 – Jan 2019|

Mandarin Lab at BYU-Idaho
|Rexburg, ID|

Full-time Volunteer Representative
|Nov 2015 – Dec 2017|

The Church of Jesus Christ of Latter-day Saints
|Oakland, CA|

IT Technician
|July 2014 – April 2015|

Media Services at BYU-Hawaii
|Laie, HI|

Related Experience

Data Science Intern |Jan 2020 – Current|
Intermountain Healthcare Data Science |*Rexburg, ID*|

- Designed and implemented fuzzy match algorithm for ~10millions medical records with 98.83% accuracy
- Currently working on training a model to predict nurse stuffing in Intermountain Hospital by shifts.

Data Science Lab Manager |Jan 2019 – Dec 2019|
Tutoring center at BYU-Idaho |*Rexburg, ID*|

- Taught and guided students in tasks that involve R and statistical testing through consulting and debugging
- Provided one-on-one tutoring, teaching R in tidyverse methodology and debugging script
- Engaged in a classroom setting tutoring from 10 - 15

Teacher's Assistant |Jan 2019 – Dec 2019|
Math department at BYU-Idaho |*Rexburg, ID*|

- Assisted in one of the core classes in the Data Science program (MATH 335: data wrangling and visualization)
- Facilitated and led group discussions in class, carried out teaching plans from the instructor
- Involved in weekly meetings with instructor, reported students' learning progress and concerns

Involvement Data Specialist |Dec 2018 – July 2019|
Student Activities at BYU-Idaho |*Rexburg, ID*|

- Consulted co-workers and supervisors on data driven projects and generated data visualization with R and Power BI
- Generated automotive R scripts to retrieve data on Qualtrics through APIs and Visualized fruitful findings through dashboards in Power BI.
- Utilized text mining principles in analysis (sentiment analysis, word Frequency in tidytext R package)

Project Manager and Tutor |Sept 2018 – Current|
Data science society at BYU-Idaho |*Rexburg, ID*|

- Collaborated with Henry Schein in a business project building an interactive map (involving 1,000,000 rows of spatial data) with shiny.
- Applied regression models and machine learning principles to discover correlation between environmental variables and the use of potash (Agriculture product)
- Designed learning material for bootcamp and led teaching sessions during society every week for 1 hour.