

Christopher Wong

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EDUCATION

University of California, Davis

Bachelor of Science, Mathematical and Scientific Computation

Bachelor of Science, Statistics

GPA: 3.628/4.000

Davis, CA

June 2017

June 2017

SKILLS

Technical: R, Python, SQL/MySQL, MATLAB

Software: Microsoft Word, Excel (PivotTable, VLOOKUP), PowerPoint, Tableau

EXPERIENCE

Kumon Teacher

December 2017 – May 2019

Kumon Math and Reading Center of Daly City

Daly City, CA

- Collaborated with other Kumon teachers to efficiently manage and supervise a room of over 50 students
- Guided students to become independent thinkers by reducing problems into familiar parts
- Improved instructor's guidance for further student development through proper feedback from grading classwork, homework, and tests
- Conducted training with other team members to improve job skills
- Reduced students' downtime by efficiently assigning work and documenting students' progress

Reader (MAT 119A, MAT 145, STA 108, STA 138)

January 2017 - June 2017

UC Davis Department of Mathematics & Statistics

Davis, CA

- Improved professors' and teaching assistants' teaching performance by maintaining gradebooks and resolving grading disputes for courses of 70 to 110 students
- Corrected students' understanding of the material through written comments on homework and projects
- Saved professors' and students' time by creating bi-weekly homework solutions

PROJECTS - <https://cwong8.github.io/>

MySQL Employees Sample Database

Analyzing and visualizing employee promotions, salaries, company budget, and past employees using MySQL, Python, Tableau, and R. Project involves using SQL and Python to query from a database of approximately 300,000 employees for preliminary analysis before using R for statistical testing and modeling.

United States Petroleum Consumption

Modeling petroleum consumption over 32 years and forecasting future consumption using R. Project includes transforming the data to normalize fluctuations, finding trend and seasonality, and fitting an ARIMA model before forecasting future consumption.

Diagnosis of Depression in Primary Care

Modeling the probability that a patient has been diagnosed with depression in any visit during one year of primary care using R. Project involves fitting a binary multiple logistic regression model to determine significant factors that affect a patient's probability of being diagnosed with depression.