

Gary Kwong

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<https://github.com/gakwong>

Education

University of California, Berkeley

BA Applied Mathematics and Data Science

Spring 2021

Relevant Coursework: Principles & Techniques of Data Science, The Structure and Interpretation of Computer Programs, Linear Algebra, Numerical Analysis, Data Structures, Concepts in Computing with Data, Concepts of Probability, Complex Analysis, Data Inference and Decisions, Nonlinear and Discrete Optimization

Current Coursework: Linear Programming and Network Flows, The Design and Analysis of Experiments

Berkeley Math Tournament - Logistic Team Member: worked out issues in relation to online tournament

Convergent at Berkeley - Financial Tech/Product team, software engineer: backend development: collabt.com

City College of San Francisco

AS Mathematics

2017 – 2019

Poem published in CCSF Literary Magazine

Relevant Coursework: Intro to SQL Databases & NoSQL, Data Structures & Algorithms: C++

Lowell High School

2014 – 2018

Concurrently enrolled at City College of San Francisco (2017 – 2018)

- Vice-President of Lowell Math Club

Experience

UC Berkeley Division of Computing, Data Science, and Society

Data Peer Consultant

August 2020 – Present

- Assisted peers in data analysis, cleaning, visualizations etc. for various projects.
- Improved internal dashboard to track consultations

QB3 Institute (Academic Research Units)

August 2020 – Present

Student Assistant II - Data Handling

- Created and currently manages new Herr Lab website, herrlab.berkeley.edu
- Created holding site for Bakar BioEnginuity Hub: bioenginuityhub.berkeley.edu

Code Tenderloin (OFA)

Opportunities For All Fellow

June 2020 – July 2020

- Led team building activities for interns virtually
- Assisted web design instructors in evaluating and supporting intern performance

Intern

June 2019 – July 2019

- Built websites using HTML, CSS, and JS.
- Project pertained to building a website that tackled a relevant social issue
- Final Product: <https://gakwong.github.io/OFA-FINAL-PROJECT/>

Self-Employed

Private Tutor

2016 – Present

- One-on-one tutoring in mathematics (from Algebra to Analysis and testing). Email for references.

Skills

Technical: Strong background in C++, Python, R.

Proficient in Octave, MATLAB, and tools in Python (Numpy, etc.).

Developed web applications using Flask Framework, Google App Engine

See GitHub for more projects (DailySentiment, NewsCloud)

Language: Cantonese and Mandarin