

GARY KWONG

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EDUCATION

BA APPLIED MATHEMATICS, DATA SCIENCE UNIVERSITY OF CALIFORNIA BERKELEY: 2019 – PRESENT

Relevant Coursework: Foundations of Data Science, The Structure and Interpretation of Computer Programs, Linear Algebra, Numerical Analysis, Data Structures

Current Coursework: Principles & Techniques of Data Science, Concepts in Computing with Data, Concepts of Probability, Introduction to Analysis

AS MATHEMATICS, CITY COLLEGE OF SAN FRANCISCO: 2017 - 2019

Certificate of Accomplishment in Mathematics

Poem published in CCSF Literary Magazine

Relevant Coursework: Intro to SQL Databases & NoSQL, Data Structures & Algorithms: C++, Linear Algebra & Differential Equations, Engineering Design Graphics HONORS, Discrete Mathematics

HIGH SCHOOL DIPLOMA, LOWELL HIGH SCHOOL: 2014 - 2018

Was concurrently enrolled at City College of San Francisco (2017-2018)

- Vice-president of Lowell Math Club
- National AP Scholar (2018) + AP Scholar with Distinction (2017, 2018)
- Scholarship Award for Individually Managed Program for Asian & Caucasian Teens (IMPACT) (2018)

EXPERIENCE

JUNE 2019 – AUGUST 2019

INTERN, CODE TENDERLOIN

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/>

2016-PRESENT

PRIVATE TUTOR, SELF-EMPLOYED

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

SUMMER SESSION(S) 2014-PRESENT

MATH TEACHER, CHINESE BIBLE CHURCH

Taught middle schoolers math for their next school semester during the summer. Developed lesson plans for Pre-Algebra and Algebra courses. Typical class sizes ranged from 15 to 20 kids per grade level.

SKILLS

- Strong background in C++, Python
- Proficient in Octave and MATLAB, and tools in Python
- Currently working on a web app in Python
- Developed a web app using Python with Flask Framework
- Multilingual: Speaks Cantonese and Mandarin