

GABRIEL CHEN

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EDUCATION

University of California Berkeley, Berkeley, CA

B.A. in Computer Science

B.A. in Mathematics

GPA N/A

May 2020 Expected

Berkeley City College, Berkeley, CA

A.S. in Mathematics with honor

GPA 4.0 / 4.0

May 2018

SELECTIVE COURSES

Data Structure & Algorithms, Programming Using C++, Python Data Structures, Java Programming: Solving Problems with Software, Introduction to Discrete Mathematics for Computer Science

AWARDS & MEMBERSHIP

Phi Theta Kappa Honor Society

2018

Information & Communication Technology Scholarship, Peralta Colleges Foundation

2017 – 2018

Academic Honor Student, Berkeley City College

Jan. 2017 – May 2018

EXPERIENCE

University of California Berkeley, Berkeley, CA

Software Engineer – Xinampa Analytics at CITRIS Foundry

Jun. 2018 — Present

• Python • Algorithm • Theory • APIs •

Add Functionalities for better user experiences and saving budget for the company.

Making Real Data more accessible by building an index for the data mined by a crawler.

Optimizing the algorithms for mining and analyzing data to get better and more accurate output efficiently.

University of California Berkeley, Berkeley, CA

Undergraduate Researcher – JAMX Project, Berkeley Institute of Data Science

Advisor: Dr. Diego Ponce de Leon Barido

Jan. 2018 — May. 2018

• Python • MongoDB • React • JavaScript • HTML/CSS •

Leading the platform research group with another researcher.

Researching different design methods for database, frontend, and the backend to get better performance.

Berkeley City College, Berkeley, CA

Teaching Assistant – to Dr. Shawn McDougal in “Linear Algebra”

Jan. 2018 — May. 2018

Help improving students’ understanding of the subject during and after class by arranging study groups and one-to-one tutoring.

SKILLS & LANGUAGES

C/C++, Java, Python, SQL, HTML, CSS, JavaScript, React, MongoDB, Linux/Unix, Git.

Fluent in both Mandarin and English. Beginner for Spanish and Japanese.