

GABRIEL CHEN

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EDUCATION

University of California Berkeley, Berkeley, CA

B.A. in Computer Science

B.S. in Mathematics

Computer Science with Mathematical Analysis applied

GPA 4.0 / 4.0

May 2020 Expected

Berkeley City College, Berkeley, CA

A.S. in Mathematics with honor

Advanced Math with applying to Computer Science

Academic Honor Student

GPA 4.0 / 4.0

May 2018

COURSES

Computer Science

Data Structure & Algorithms, Programming Using C++, Python Data Structures (University of Michigan), Java Programming: Solving Problems with Software (Duke University), Programming Foundations with JavaScript, HTML and CSS (Duke University), Introduction to Discrete Mathematics for Computer Science (UC San Diego & National Research)

Mathematics

Calculus I, Calculus II, Calculus III, Linear Algebra, Differential Equations, Basic Statistics (University of Amsterdam)

AWARDS

Phi Theta Kappa Honor Society

Information & Communication Technology Scholarship, Peralta Colleges Foundation

Academic Honor Student, Berkeley City College

2018

Academic Year 2017 – 2018

Jan. 2017 – May 2018

EXPERIENCE

University of California Berkeley, Berkeley, CA

Undergraduate Researcher – JAMX Project, Berkeley Institute of Data Science & URAP

Leading the platform research group with another researcher.

Designing the database, frontend, and the backend.

Enrich the project regards environmental justice with social medias and SMS APIs.

Jan. 2018 — May. 2018

Berkeley City College, Berkeley, CA

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

Instructing and arranging students during and after class for the contents they have trouble with during studying the subject.

Jan. 2018 — May. 2018

Tutor – Calculus I, Calculus II, Applied Calculus for Economics, Intro to Computer Science

Instruct students individually and in groups, using various teaching methods such as lectures, discussions, and demonstrations.

Sep. 2016 — Dec. 2016

RELATED PROJECT

Ada Project, Raspberry Pi Project

Author

Information provider and daily reminder robot written by Python.

May. 2017 – Oct. 2017

Nice Blog, GitHub Project

Author

Website framework written with Ruby, JavaScript, HTML and CSS.

Mar. 2016 – Dec. 2016

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SKILLS

C/C++, Java, Python, HTML, CSS, JavaScript, R, Git, React, PostgreSQL, Linux

LANGUAGES

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