

## GABRIEL CHEN

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## EDUCATION

University of California Berkeley, Berkeley, CA

**B.A. in Computer Science**

**B.S. in Mathematics**

May 2020 Expected

Computer Science with Mathematical Analysis

GPA N/A

Berkeley City College, Berkeley, CA

**A.S. in Mathematics with honor**

May 2018

Advanced Math with applying to Computer Science

Academic Honor Student

GPA 4.0 / 4.0

## 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 & MEMBERSHIP

**Phi Theta Kappa Honor Society**

2018

**Information & Communication Technology Scholarship, Peralta Colleges Foundation**

Academic Year 2017 – 2018

**Academic Honor Student, Berkeley City College**

Jan. 2017 – May 2018

## EXPERIENCE

University of California Berkeley, Berkeley, CA

**Software Engineer – Threestone Analytics at CITRIS Foundry**

June. 2018 — August. 2018

Full Stack web development, server, database management

Machine Learning and Data Analysis for sustainable energy in Central American

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

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.

Berkeley City College, Berkeley, CA

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

Jan. 2018 — May. 2018

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

Berkeley City College, Berkeley, CA

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

Sep. 2016 — Dec. 2016

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

## RELATED PROJECT

JAMX Project, Computer Science & Data Science Research Project

## GABRIEL CHEN

### Researching Collaborator

An undergraduate research project associate with Berkeley Institute of Data Science at UC Berkeley built with React, Flask, MongoDB, PostgreSQL, and Python.

Jan. 2018 — May. 2018

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

## 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.