

# CiCi (Chengcheng) Huang

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## EDUCATION

### UC BERKELEY

#### BA IN COMPUTER SCIENCE, DATA SCIENCE

College of Letters & Sciences

Cum. GPA: 3.603

Expected May 2021 | Berkeley, CA

## LINKS

Github://[codercici](#)

LinkedIn://[chengcheng-huang77](#)

Website://[codercici.github.io](#)

## SKILLS

### PROGRAMMING

Proficient: Python • Java • HTML • CSS

Familiar: C • SQL • Swift •  $\text{\LaTeX}$

## COURSEWORK

### UNDERGRADUATE

Finished:

CS61A Structure and Interpretation of Computer Programs

CS61B Data Structures

CS70 Discrete Mathematics and Probability Theory

DATA8 Foundations of Data Science

Math54 Linear Algebra and Differential Equations

CS 198-001 IOS Mobile Development

CS 370 Introduction to Teaching

Computer Science

Ongoing:

CS61C Machine Structures

DATA100 Principles and Techniques of Data Science

CS 198-002 Web Development

## SOCIETIES

Computer Science Mentor

UC Berkeley Society of Women Engineers

(SWE) Shadow An Engineer Committee

Klesis Christian Fellowship

Berkeley Chinese Students and Scholars Association (BCSSA)

## EXPERIENCE

### JUNIOR MENTOR | COMPUTER SCIENCE MENTOR AT UC BERKELEY

August 2018 - Present | Berkeley, CA

- Teach a weekly section of 5 students, strengthening their understanding of course materials and helping them improve grades and overall performance in CS 61B: Data Structures
- Acknowledged by mentored students for detailed explanations and academic advice and by Senior Mentors for strong commitment to student success

### UI DESIGNER | PEDIACAM

March 2018 - Present | Berkeley, CA

- Develop Android and IOS apps for **PediaCam**, which diagnoses ear infections and strep throat for customers
- Conceptualize original design ideas and innovate the mobile user interfaces and interactions using Sketch, Overflow and Xcode
- Collaborate with two orthopedic surgeons and four developers to refine, professionalize, and systematize the apps

### WEB DEVELOPER | BERKELEY CHINA SUMMIT

October 2017 - Present | Berkeley, CA

- Utilize Wix, a web development platform, to develop the official site of **Berkeley China Summit**, a signature networking and recruitment campus events with an expected attendance of 700 international students at UC Berkeley
- Remodel the previous year's website to make it more user-friendly, which increases the number of user clicks, subscribers and tickets sold

### WEB DEVELOPER | PHOEBE A. HEARST MUSEUM OF ANTHROPOLOGY

October 2017 - June 2018 | Berkeley, CA

- Restructured the official site of **Phoebe A. Hearst Anthropology Museum** using HTML, CSS and Ruby on Rails to rebuild the search system to make the objects in the museum database more accessible for UC Berkeley students

### WEB DEVELOPER | PREDICTEV

March 2018 | Berkeley, CA

- Used JavaScript, HTML, CSS to build a **React-Based forum** for **PredictEV**, a blockchain-powered, prediction-focused social network during LAUNCH's Inaugural 30-Hour Make Ship Happen (MASH) **Makeathon**

## RESEARCH

### APPRENTICE | UNDERGRADUATE RESEARCH APPRENTICESHIP:

#### GEOREFERENCING

August 2017 - January 2018 | Berkeley, CA

- Trained by Professor **Michael Black**, Head of Research and Information of Phoebe A. Hearst Museum of Anthropology
- Used CollectionSpace to sort archeological objects in **PAHMA-CSpace**, the management system of Phoebe A. Hearst Museum of Anthropology
- Used Google Earth to mark map locations with placemarks of unordered archeological objects to refine the museum database
- Cleaned data using pandas, SQL in the museum database for 3 hours a week while maintaining full-time school workload