

Bell Wu

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CORE COMPETENCIES

- Comfortable using various data structures and graphs, and implementing complex sorting algorithms
- Fluent in **Java** and **Python**; Previous projects include tile-based movement game, version of Google Maps, and Scheme Interpreter; Experience in SolidWorks, Git, MySQL, virtual machines
- Proficient in Adobe Creative Cloud Apps: Premiere Pro, Lightroom, Photoshop Illustrator
- Fluent in English and Mandarin; I love cooking, reading, piano, ultimate frisbee, and filmmaking!

EDUCATION

University of California, Berkeley, College of Letters and Sciences

Expected May 2021 Graduation

- Computer Science Major; GPA: 3.91
- Technical Coursework: The Structure of Computer Programs (CS 61A), Designing Information and Devices (EE 16A), Data Structures (CS 61B), Discrete Math and Probability Theory (CS 70)
- Other Relevant Coursework: French, Linguistics, Music Harmony

WORK AND INTERNSHIP EXPERIENCE

UCLA Radiology Lab, Department of Health, UCLA

June 2016 – July 2016

- **Software Intern:** Full-stack development on a web application that handles doctor reports and patient information through analysis by natural language processing using Play Framework, MySQL, and GATE (for text engineering)

Instructor at Mathnasium, Fremont, CA

June 2017 – July 2017; May 2018 – June 2018

- Teach middle and high school students math, ranging from pre-algebra to introductory calculus. Work with them using worksheets and textbooks, leading them through examples, quizzing them

Service Champion at Taco Bell, Fremont, CA

June 2017 – July 2017

- Developed communication skills, attentiveness, and other customer service skills as cashier

PROJECTS

Personal Website, Bootstrap

- Focused on unique and interactive design of a basic website

BearMaps, Java

- Implemented A* search algorithm in a mapping application similar to Google Maps

EXTRACURRICULARS

Christians on Campus, UC Berkeley

August 2017 – Present

- **Social Media Chair** and **Photographer:** Coordinate and promote club events on website, Facebook, Instagram; Take and compile photos and videos; Edit videos for Bible studies and other events; Coordinate with and lead groups of 10-12 in Bible studies

CyberPatriot, High School

2015 – 2017

- **Linux Specialist:** Secure Ubuntu systems by finding operating system vulnerabilities
- Competed in the National Youth Cyber Defense Competition organized by the Air Force

Tabletop: The Board Game Club, High School

2016 – 2017

- **President/Founder:** Founded social club where students could play and discuss board games