

# 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 C++, SolidWorks, Git, MySQL, virtual machines
- Proficient in Adobe Creative Cloud Apps: Premiere Pro, Photoshop, Illustrator, Lightroom
- Fluent in English and Mandarin; I love cooking, reading, piano, ultimate frisbee, and filmmaking!

## EDUCATION

**University of California, Berkeley, College of Letters and Sciences**

August 2017 – Present

- B.A. in Computer Science (expected May 2021); GPA: 3.91/4.00
- Technical Coursework: Data Structures (CS 61B), Designing Information and Devices (EE 16A/B), Discrete Math and Probability Theory (CS 70), Efficient Algorithms and Intractable Problems (CS 170)

## WORK AND INTERNSHIP EXPERIENCE

**Instructor at Mathnasium**, Fremont, CA

June 2017 – July 2017; May 2018 – June 2018

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

**Service Champion at Taco Bell**, Fremont, CA

June 2017 – July 2017

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

**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)

## PROJECTS

**Personal Website**, Bootstrap, Web

- 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 events on club 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:** Secured 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:** Founded and fostered a community for students to play board games and discuss strategies