

# WILSON WANG

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## EDUCATION

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**University of California, Berkeley**

Expected Graduation: May 2020

**Bachelor of Arts, Computer Science & Data Science**

- Relevant Courses: Structure & Interpretation of Computer Programs, Data Structures & Advanced Programming, Computer Architecture (Machine Structures), Discrete Math & Probability, Foundations of Data Science, Linear Algebra & Differential Equations, Designing Information Devices & Systems, Ruby on Rails Decal, iOS DeCal
- Current Courses: Efficient Algorithms and Intractable Problems, Introduction to Artificial Intelligence

## TECHNICAL SKILLS

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- Languages: Python, Java, C, Swift, SQL, HTML, CSS, Javascript/JQuery, Ruby on Rails
- Software: Git, IntelliJ, Heroku, Xcode, Android Studio, Microsoft Office, Adobe Photoshop
- Software/App Development, Web Design, User Interface, and Social Media
- Fluent in English, Chinese (Mandarin and Cantonese)

## EXPERIENCE

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**Blueprint, Technology for Non-Profits - Project Developer**

Jan 2018 - Present

- Organization that creates software solutions for nonprofits pro bono
- Building an application for the DREAM Project using Ruby on Rails and React Native
- Responsible for refactoring schema and Salesforce integration using Heroku Connect

**UC Berkeley Ruby on Rails Decal Teaching Assistant**

Jan 2018 - Present

- Present and lecture on various ruby on rails topics, focusing on controllers, embedded ruby, forms, models and migrations
- Hold weekly office hours, assist students during labs, and answer student questions on course Piazza forum
- Reviewed course applications, grade homework and projects

**SafeSpace - Head of Technology, Berkeley, CA**

Aug 2017 - May 2018

- Student startup aimed at creating an anonymous, peer-led chat platform for UC Berkeley undergraduates to share their similar mental health issues in a virtual environment
- Ruby on Rails Development Team for SafeSpace website, who assists with daily operations of website
- Conduct and organize interviews for recruitment and employee evaluations

**UC Berkeley - CS61A/61B Academic Intern**

Jan 2017 - Dec 2017

- Lab assisted and held office hours to help students
- Guided learning students with core Python, SQL, Java, Data Structures, and Scheme concepts
- Provided in person and online assistance with object-oriented programming, tree implementations, and recursive/iterative data structures

## RELEVANT PROJECTS

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### Projects

- Men's Fashion App: User Interface & Decision Making Team
- Android: FacePay (GlobalAI)
- Swift Apps: UCB Hangman, Stopwatch, SnapChat Clone, Marauder's Map, Madden Draft Champions
- Python: Ants vs Zombees, Scheme Interpreter, Language Identification Neural Network
- Java: Planetary Orbit Simulation, SQL Based Database, BearMaps
- JavaScript: BudgetBot
- Ruby on Rails: AdoptDontShop, PokemonPortal, Noms (YelpClone)

## HACKATHONS / OTHER

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- Cal Hacks 16&17(mentor), GlobalAI 2017 (1st Clover Software, 3rd People's Choice), Hack Into It 2017