

# Janakirama (Ram) Kalidhindi



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ramjk.com



ramkal



ramjk

## Education

### University of California, Berkeley

Computer Science B.A.

May 2019 - GPA 3.77

## Work Experience

### Workday | Software Development Engineer Intern

MAY 2017 - AUG 2017

- ▶ Extended "Collections" functionality on Testing Frameworks Team
- ▶ Developed Mass Data Load (MDL) for Collections (Array-Like Data Unit)
- ▶ Streamlined usability of MDL via comprehensive error logging

### Kiwi Campus | Software Developer, Intern

JULY 2016 - SEPT 2016

- ▶ Designed and implemented the iOS app Kiwer to facilitate food delivery
- ▶ Integrated with existing code libraries and apps to ensure compatibility

### UC Berkeley | Lab Assistant

JAN 2016 - MAY 2016

- ▶ Explained concepts like recursion, OOP, abstraction, data structures
- ▶ Aided students on homework and labs through guiding questions

### UC Berkeley | Resident Assistant

AUG 2016 - Present

- ▶ Oversee 52 student residents to provide a positive living environment
- ▶ Promote academic success, mitigate and resolve conflicts

## Projects

### Kiwer | Xcode - Swift

Intern

- ▶ Created order delivery platform with ~90 monthly users
- ▶ Enabled viewing, accepting, or canceling with built in voice call and text

### Text Editor | Java, JavaFX

Class

- ▶ Implemented extensive word wrap, cursor clicks, opening large files
- ▶ Maximized efficiency using Doubly Linked Lists inside ArrayLists

### BearMaps | Java

Class

- ▶ Basic routing using A\* and OpenStreetMap of Berkeley, CA
- ▶ Quad tree to support map raster, pan, zoom; Trie for search queries

### P1N | Java, Android Studio, Arduino

Hackathon

- ▶ Android app connects via Bluetooth to an Arduino which opens locks
- ▶ Designed Android app user interface and functionality

## Skills

Python, Java, Git, Javascript, C, NumPy, MIPS, Swift, HTML, CSS, Xpresso WATS, JIRA, TeamCity, TI Launchpad

## Courses

### Fall 2017

Machine Learning, Computer Security

### Past

Artificial Intelligence, Computer Architecture, Algorithms, Data Structures, Discrete Math and Probability, Designing Information Devices and Systems, Foundations of Data Science

## Organizations

### CS Scholars

- ▶ Provides support network for under-resourced students

### Upsilon Pi Epsilon

CS Honor Society

- ▶ Industrial Relations Officer

## Awards

### Leadership Award

Cal Alumni Association

- ▶ \$2000 rewarded for academic excellence and leadership

### Guinness World Record Holder

UC Berkeley 2017

- ▶ Broke World Record for the Largest Human Letter with 7,196 people