

# jake robinson-lieberman

software engineer

## contact

904 Hinman Ave. #2G  
Evanston, Illinois 60202

(847) 845-6974  
jake@jakerl.com

jakerl.com  
github.com/jakerl

## language

english - native  
spanish - proficient

## development

C, C++, Java  
Objective-C, MATLAB  
Git,  $\LaTeX$

Xcode, Vim

OS X, UNIX, iOS

## class projects

### UNIX/Linux

#### Programming

- Interpreter & Compiler
- Client-Server Model
- Web Parser/Filter

### Operating Systems

- UNIX Shell
  - Job/CPU Scheduling
- Simulator

### Artificial Intelligence

- Slide Puzzle Solver
- Sudoku Solver
- Reinforcement Learning Simulator

### Computer Systems Engineering

- Circuit Simulator

### Multidisciplinary Design

- FPGA Client-Server Application

## education

8/11 - 5/15

### The University of Dayton

Dayton, Ohio

Bachelor of Science in Computer Engineering

- Minor in Computer Science
- 3.26 GPA in Computer Science
- 3.00 GPA in Engineering

8/07 - 5/11

### Loyola Academy

Wilmette, Illinois

## experience

5/15 - 8/15

### Stand4

Boca Raton, Florida

*Community Manager*

- Increased engagement and enhanced satisfaction amongst 2,500 users by strategically sending emails and notifications, connecting with users around the clock, and influencing UI/UX and product-feature decisions.
- Optimized visibility on the App Store by meticulously writing app description and keywords, improving search rank by as much as 16 positions, resulting in a fourth place standing under the search term "charity."
- Organized user satisfaction and social media campaigns, including hand-written letters and marketing collateral sent to users worldwide.

7/15 - 8/15

### MineMe

Boca Raton, Florida

*Front-End iOS Developer*

- Built front-end of iOS application, porting design from Photoshop project.
- Implemented camera functionality with repurposed custom Nib file.

5/14 - 8/14

### Stand4

Boca Raton, Florida

*Lead Developer, Internship*

- Developed iOS application that allowed users to create a profile, take in-app actions linked to nonprofit organizations, research nonprofit organizations, and post comments and pictures to a public stream.
- Created complex database structure for public stream, connecting user profiles to their posts and enabling users to "like" others' posts.
- Utilized Parse for scalability, CocoaPods for dependency management, TestFlight for internal testing, and Git for source control.
- Collaborated with Founder to design application's UI/UX in Photoshop.

## leadership

6/13 - 6/15

### Men's Club Volleyball

The University of Dayton

*President*

- Managed logistics, budget, and coaching of highly competitive club sport.
- Led team to first conference championship in over 10 years.
- Captained team to a 25<sup>th</sup> place national finish in 2015.

1/14 - 1/15

### Flyer Innovations

The University of Dayton

*Chief of Operations*

- Maintained and managed internal structure of student-run organization.
- Fostered collaborative ideation in an entrepreneurial environment.
- Grew club's presence on campus with unique events and activities such as chariot races sponsored by Red Bull.

9/12 - 6/15

### Women's Club Volleyball

The University of Dayton

*Coach*

- Directed practices and matches, teaching advanced skills and strategies.
- Guided team to a 14<sup>th</sup> place national finish in 2015.