

jake robinson-lieberman

software engineer

contact

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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 25th 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 14th place national finish in 2015.