jakerobinson-lieberman

software engineer

contact

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language

english - native
spanish - proficient

development

Objective-C, Swift
C, C++, Java
Git, HTML/CSS
LaTeX

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

Computer Engineering - Bachelor of Science
Computer Science - Minor

8/07 - 5/11	**Loyola Academy**	Wilmette, Illinois

experience

11/15 - pres.	**Reveel**	Chicago, Illinois

iOS Developer
- Contracted to develop iOS application

5/15 - 8/15	**Stand4**	Boca Raton, Florida

Community Manager
- Increased user engagement and satisfaction by guiding product decisions alongside continuous, strategic communication with users.
- Improved app store optimization as much as 16 search ranks with research identifying target keywords and a calculated app description.
- Organized user satisfaction and social media campaigns, including marketing collateral sent to users worldwide.

7/15 - 8/15	**MineMe**	Boca Raton, Florida

Front-End iOS Developer
- Built front-end of iOS app, translating designer's Photoshop concept.
- Implemented camera functionality with repurposed custom Nib file.

5/14 - 8/14	**Stand4**	Boca Raton, Florida

Lead iOS Developer, Internship
- Developed iOS application that allowed users to create a profile, take in-app actions linked to nonprofit organizations, and post to a public stream.
- Utilized Parse for scalability, CocoaPods for dependency management, TestFlight for internal testing, and Git for source control.
- Collaborated with Founder to create application's design 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.