jakerobinson-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 handwritten letters and company stickers sent to over 200 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.
- Brought 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.