

# Jake Lipson

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## EDUCATION

**Boston University**

*Bachelor of Arts, Computer Science*

**Boston, MA**

May, 2019

## SKILLS

**Programming/Markup Languages:** Python, Java, C++, HTML, CSS, C, JavaScript, ATS, React

**Relevant Coursework:** Computer Vision, Software Engineering, Mobile Application Development, Intro to Databases, Intro to Artificial Intelligence

**Languages:** English (Native), Spanish (Intermediate)

## WORK EXPERIENCE

**Network & Security Technologies**

*Information Systems Intern*

**Pearl River, NY**

May 2018 - August 2018

- Worked on client application code reviews to identify security vulnerabilities.
- Implemented new hardware to preserve essential company data such as a NAS with offsite access.
- Maintained and documented all network components and systems by creating a network map.
- Installed a UPS power backup into existing systems to improve stability and reliability.

**Apple**

*Specialist*

**Boston, MA**

October 2017 - April 2018

- Developed and implemented solutions to increase store efficiency.
- Collaborated with peers to troubleshoot problems to alleviate pressure on the Genius bar.
- Provided thoughtful and knowledgeable responses to customer inquiries.

**People to People, Inc.**

*Administrative Assistant*

**Nanuet, NY**

June 2015 - August 2015

- Upgraded and maintained the main charity website using WordPress and HTML.
- Provided administrative support to office staff, including organizing files.
- Created and implemented a new digital organizational plan for facilities.

**Office of New York State Assemblywoman Ellen Jaffee**

*Intern*

**Pearl River, NY**

January 2013 - June 2014

- Responded to constituents' calls and letters regarding issues and concerns.
- Worked with other staffers to create both policy and legislation regarding bullying.
- Conducted research on behalf of constituents.

## PROJECTS

**WriteFree** - A web-based note taking application, designed to accommodate users with dyslexia and other reading/writing disabilities. Implemented the frontend using HTML, CSS, JavaScript, React, and AntDesign.

**Travel Buddy** - An Android application to help users plan trips by finding them interesting destinations, travel companions, weather reports, and other important information to consider when planning a trip. The application was built using JavaScript, and the backend database implemented Firebase.

**Content Aware Resizing** - A desktop python application that seam carving and OpenCV to resize images to any given dimension, while keeping important details of the photo like people and faces from being distorted.

## LEADERSHIP

**App Maker Club** - Vice President, 2015: Responsible for sending out club mailings and recruiting new members, as well as keeping track of deadlines.