**Jake Lipson**

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**EDUCATION**

**Boston University** **Boston, MA**

*Bachelor of Arts, Computer Science* 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 Pearl River, NY**

*Information Systems Intern* 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 Boston, MA**

*Specialist* October 2017 - April 2018

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

**People to People, Inc. Nanuet, NY**

*Administrative Assistant* 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 Pearl River, NY**

*Intern* 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.