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 congestion at 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 non profit 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. Built using JavaScript and the backend database implemented Firebase.

Content Aware Resizing - A desktop application written in Python that uses 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, 2016: Responsible for sending out club mailings, recruiting new members, keeping track of deadlines, and leading learning sessions.