Andrew Kaplan

95 Cabrini Blvd Apt 3C, New York, NY 10033 · 562-666-6398 · andrew.kaplan@akaplansoftware.com

EDUCATION

Yeshiva University, Sy Syms School of Business, New York, NY | January 2021

B.S. in Information & Decision Sciences - Concentration in Business Intelligence and Marketing Analytics
Expected completion of Computer Science major courses

- *Completed relevant courses*: Data Structures, Database Management, Decision Models, Intro to Computer Science, Business Analytics & Programming, Information Systems
- *Relevant courses for Fall 2019*: Design and Analysis of Algorithms, Web Development, Computer Organization and Assembly Language Programming
- *GPA*: 3.875

The Dr. David Robinson Institute for Jewish Heritage, Jerusalem, Israel | September 2015 - January 2018

Shor Yoshuv Rabbinical College, Lawrence, NY | January 2014 - August 2015

EXPERIENCE

YUTorah.org, New York, NY, *Software Developer* | Summer 2018

- Led a team tasked with automatically categorizing and indexing a database of over 150,000 hours of audio lectures using speech to text transcription
- Researched and experimented with open source and proprietary Speech-To-Text technologies to enable on-the-fly transcription of varying Hebrew dialects, Aramaic, and Yiddish prevalent in YUTorah.org content
- Experimented and familiarized with the Google Cloud Speech-To-Text API, Microsoft Azure Cognitive Services Speech API, Mozilla Deepspeech, and CMU Sphinx

Personal Website, *AKaplanSoftware.com* | Summer 2019 - Present

- Serving a web app using Node.js and Express Middleware, including Handlebars for HTML injection
- Constantly adding CSS styling and features, most recently a weather report passing user provided location data from the Google Maps API to get weather data from the Dark Sky API

PROJECTS

Search Engine, Data Structures, *Java* | Spring 2019

- Implemented a search engine using custom built data structures and Apache Maven dependency management
- Built custom B-Tree, Stack, Trie, Hash Table, and Minheap classes to support engine function

Bank Loan Default Prediction, Decision Models, *R* | Spring 2019

- Utilized machine learning techniques to develop a model with 95.72% accuracy for predicting home equity loan default based on a publicly available database

Stack Overflow Page Scraper, Database Management, *R* | Spring 2019

- Developed a function designed to web-scrape and store a user-defined number of Stack Overflow question pages on any topic

SKILLS

Proficient: Java, R, Node.js, SQL, UNIX, HTML5

Familiar: C, Git, Maven, MongoDB, CSS, Python

Interests and Other Skills: Jazz Drumming, Hiking, Gourmet Cooking, Communication, Excel

LEADERSHIP

The Dr. David Robinson Institute for Jewish Heritage, *Ritual Services Coordinator* | April 2016 - August 2017

- Organized the details of multiple daily meetings and held others responsible for their commitments
- Generated schedules, delegated synagogue responsibilities, and corresponded with the greater community about synagogue events