

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 Yeshuv Rabbinical College, Lawrence, NY

January 2014 - August 2015

EXPERIENCE

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

YUTorah.org, New York, NY, *Software Developer*

Summer 2018

- Led a team tasked with automatically generating relevant tags for over 150,000 hours of audio content using speech to text transcription
- Researched and experimented with open source and proprietary Speech-To-Text technologies to enable 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

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

Fifteen Puzzle, Web Development, *Javascript*

Fall 2019

- Created a playable fifteen puzzle using native javascript, jquery, and events to respond to user input. Additional features include animated tiles, resizable game board, and end-of-game notification.

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

SKILLS

Proficient: Java, R, Javascript, Node.js, CSS, HTML5

Familiar: C, Git, Maven, SQL, UNIX, MongoDB, PHP

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