Andrew Kaplan

69 Aycrigg Ave Fl 1, Passaic, NJ 07055 · 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

- *Relevant courses*: Computer Networking, Database Implementation, Modern Data Management, Operating Systems, Design and Analysis of Algorithms, Computer Organization and Assembly Language Programming, Web Development, Data Structures, Decision Models, Business Analytics & Programming
- *GPA*: 3.8

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

EXPERIENCE

Operations Intern, *Factset*   June 2020 - Present

- Single-Handedly built an in-house workforce planning system prototype capable of forecasting company-wide and organization specific hiring needs based on actual workforce data on a rolling 3-year horizon
- Exceeded minimum viable specification a month ahead of schedule. Went on to demo system for company CEO, Phil Snow, and CFO, Helen Shan. Visualizations generated using the system were used in annual Board of Directors meeting
- Learned Python and Pandas on short order to perform necessary transformations on Workday data and extend system functionality beyond technical limits of Excel

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

OATSdb, Database Implementation, *Java*   Fall 2020

- Implemented an in-memory database with concurrent access and transaction safe semantics.

Utility Stock Price & Weather Relationship Analysis, Business Intelligence Capstone, *R*   Fall 2020

- Engineered a generic data pipeline for generating datasets consisting of stock price and weather data using the Google Maps API to query geolocation data, the Dark Sky API for weather data, and Census data for population-based weather aggregation over large utility service areas.

FAT 32 Driver, Operating Systems, *C*   Spring 2020

- Implemented a bash capable of CRUD operations on binary files formatted according to FAT32 specification

Fifteen Puzzle, Web Development, *Javascript*   Fall 2019

- Created a playable fifteen puzzle using native javascript, jquery, and events to respond to user input.

SKILLS

Proficient: Java, R, Javascript, Node.js, C, PostgreSQL, MongoDB	Interests and Other Skills: Advanced Excel, Jazz Drumming, Hiking, Gourmet Cooking, Interpersonal Communication
Familiar: Python, Git, Maven, PHP, Redis	

LEADERSHIP & OTHER ROLES

Peer Tutor, *Yeshiva University*   Spring 2019 - Spring 2020

- Tutored students in introductory CS and mathematics as well as Business Core courses

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

- Managed services for approx. 35 people and served as key point of contact for a broader community of 150