Maxwell Q. Adler

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EDUCATION

Virginia Tech   May 2018

Bachelor of Science in Computer Science
GPA: 3.26
Virginia Tech Dean's List Fall 2015

McLean High School   June 2014

Advanced Studies Diploma
Cumulative GPA: 4.01

PROJECTS

Disk Manager

Incrementally created a program in Java that would mimic disk reads and writes using byte files. Included a skip list to sort the data, a memory manager, and a bufferpool that were all manually created to function as specified.

Quad Tree

Created a custom quad tree data structure in Java in order to store points on a grid, with various interactions with inputted commands read from a text file and a separate skip list.

Disassembler

Made a disassembler in C that would parse a text file of various machine instructions, find the relevant data for the command, and output information in a concise text format.

EMPLOYMENT

Office Assistant – MCM Realty   Summer 2016

Performed administrative duties including tracking and paying bills, recording and making deposits received, scanning and uploading documents to an online database, and miscellaneous customer services.

Head Counselor – Camp Rodef Shalom   Summer 2013, 2014

Led team in planning and running activities for large groups of campers ages 5-12.