BRIAN HORNER

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EDUCATION

BU-Metropolitan — Boston, MA
Master of Science Computer Science *GPA: 3.85* — June 2021 - Current

Suffolk University — Boston, MA
Bachelor of Science Double Major: Government & History *GPA: 3.179* — September 2014 -January 2019

EMPLOYMENT

Dunning, Kirrane, McNichols & Garner, LLP — Mashpee, MA
Paralegal — September, 2020 - Present

- Works as a paralegal drafting and organizing legal documents for residential and commercial real estate conveyance. Communicates and advises clients and lenders for successful transactions. Performs a variety of legal tasks by attorney request.

Earl's Kitchen & Bar — Boston, MA
Server — February 2020 - September 2020

- Provided fine dining service for a busy restaurant in the Prudential Center. Focused on knowledge of the menu, swift service, and personal interaction, resulting in an outstanding customer experience. Closing duties after short time in the position.

Law Office of Iannella & Mummolo, — Boston, MA
Paralegal — February, 2019 - February, 2020

- Worked as a paralegal, communicating, advising, and updating clients. Requested, processed and submitted medical records. Composed legal documents upon request for attorneys.

Bacco Ristorante & Bar, — Boston, MA
Server & Bartender — September, 2016 - June, 2020

- Provided fine dining service in a restaurant of contemporary elegance. Primary focus on perfection of presentation, interaction, and satisfaction of customers as a waiter. Adapted to bartender, food runner, and host roles to fill in where needed.

PROJECTS

Formula 1 Mean Tire Predictor *Python, SKLearn, Pandas*
https://github.com/Brian-T-Horner/CS677_Project
Used Python, Pandas dataframes and SKLearn machine learning algorithms including Random Forest, SVM, KNeighbors and Decision Tree to predict the mean number of tires that in a Formula 1 Race weekend given a number of features that are commonly varied such as weather conditions, Pirelli weekend tire allocation, number of laps under a safety car, etc.

Formula 1 Schedule Converter *Python, Beautifulsoup4, Json*
https://github.com/Brian-T-Horner/CS521_project
Developed an Python application that takes a provided Formula 1 race schedule url and using web scrapping it writes to an output file all of the races, locations, local race times, race time converted to EST, and time until the races.

MIPS Instruction Disassembler *C++, Hexadecimal & Binary, Bitwise ANDS & Shifts*
https://github.com/Brian-T-Horner/CS472-Project1
A partial disassembler for MIPS instructions. Takes inputs of 32-bit machine instructions that a compiler or assembler produces and uses bitwise ands & shifts to produce the MIPS instructions that the compiler would use to create the 32-bit machine instructions and outputs them.

Cache Simulation *C++, Hexadecimal & Binary, Bitwise ANDS & Shifts*
https://github.com/Brian-T-Horner/CS472-Project_2
A software simulation of a cache memory subsystem using 16 byte word size, 16 slots and 2k main memory.

TECHNICAL SKILLS

Languages::	C++, Python, R
Tools & Libraries:	Git, Pandas, Juypter Notebook, Numpy, SKLearn, Beautifulsoup4, SFML