

James McCarter Taylor

DATA ANALYST · MACHINE LEARNING STUDENT

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Summary

Current Data Analyst at Change Healthcare while studying MS in Computer Science specializing in Machine Learning. Curious forecaster and adaptive problem-solver who communicates effectively within teams. I'm passionate about making strategic choices based on balancing risk and reward.

Work Experience

Change Healthcare

Alpharetta, GA

DATA ANALYST

Jan. 2019 -

- Partner with consulting team to provide analysis of financial opportunity for a large hospital as part of a multi-million dollar deal utilizing SQL and R.
- Maintain a predictive method with 65% sensitivity for identifying which clients are at risk of discontinuing their business relationship with Tensorflow in Python.
- Partner with sales team to provide as-needed analysis on sales funnel stage sizes over time, leading to a doubling of opportunity win-rates.
- Developed a statistical script in R for sampling client claims that were coded by an external AI tool for review, duplicating outside consultant work to save \$50K/year.

Chronity Investments, LLC

Scottsdale, AZ

OWNER

Apr. 2017 - Apr. 2019

- Managed \$1.1 million AUM as principal investment adviser of small RIA
- Developed machine learning models in Python from economic and market data
- Focused on strategic asset allocation for separately managed individual portfolios

OPEX Fitness

Scottsdale, AZ

FITNESS COACH

Jul. 2012 - Apr. 2018

- Created Python script as a decision-making tool for tracking and managing 30-50 worldwide clients concurrently
- Analyzed client performance data as a researcher for the coaching team using Python, numpy, and pandas
- Developed skills in teamwork, coaching, client management, and communication

Education

Georgia Institute of Technology

Atlanta, GA

M.S. IN COMPUTER SCIENCE

Jan 2019 -

- Machine Learning specialization
- Courses: Machine Learning for Trading, Human-Computer Interaction, GPA: 4.00; Currently in Artificial Intelligence

Georgia Institute of Technology

Atlanta, GA

B.S. IN INDUSTRIAL AND SYSTEMS ENGINEERING

Aug 2005 - May 2010

- Economic Decision Analysis specialization
- Courses: Economic Decision Analysis, Statistics, Probability, Linear Algebra, Multi-variable Calculus

Skills & Accomplishments

SKILLS

Proficient **Python, numpy, pandas; R, tidyverse**, Unix, MacOS

Competent **Tensorflow, SQL, Microsoft Power BI**, Windows

ACCOMPLISHMENTS

2018 **Passed**, CFA Level I Exam

Los Angeles