

MATTHEW ALESSI RUFFNER

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<https://github.com/MattRuffner/mattruffner.github.io>

EDUCATION

The University of Texas at Austin

May 2021

Master of Science, Business Analytics

- Current GPA: 3.9

Coursework Includes: Advanced Valuation and Modeling, Sensitivity Analysis, Financial Risk Management, Investment Theory and Practice, Fixed Income, Financial Statement and Security Analysis, Financial Accounting, Quantitative Trading Strategies, Portfolio Management, Advanced Corporate Finance, Financial Management

University of Wisconsin-Madison

May 2020

Bachelor of Science, Astronomy-physics and Physics

Certificate, Mathematics

- Overall GPA: 3.2; Major GPA: 3.4

TECHNICAL PROJECTS

Humana Case Competition

Fall 2020

- Using patient data, as part of a three-man team, created a model to accurately predict whether or not a patient would have a certain medical condition. Detailed results and analysis in a 24-page report

Sports Analytics

Spring 2019

- Analyzed soccer match event data with Python to identify impact players generating consistent scoring chances and predict outcomes based on specific build-up play. Visualized results using

Astronomical Research

Spring 2018

- Studied light reflecting off of interstellar objects, such as interstellar dust, distant from source of emitting light and compiled data to pinpoint object location, contributed to Department Chair research

EXPERIENCE

Jimmy John's – Bike Delivery Driver; Madison, WI

Spring 2019 – Summer 2020

- Prepared meals to customer specifications, recognized for prompt delivery and high customer satisfaction

Jackson Hole Resort – Ropes Course Lead; Jackson, WY

Spring 2018 – Summer 2018

- Directed team with a goal of navigating customers safely through high-ropes course, resolved guest concerns

LEADERSHIP EXPERIENCE AND ACTIVITIES

UW Astronomy Club – Treasurer (Fall 2019 – Spring 2020)

Fall 2017 – Spring 2020

- Arranged bi-weekly meetings for 20+ members with distinguished speakers to discuss current topics in Astronomy
- Managed member funds and coordinated with club advisors to gain funds for events, trips, and food
- Organized outreach events and presented in front of classes to boost club awareness and increase attendance by 15%

SpaceX 'Hyperloop' Project – Design Team Member

Spring 2017

- Researched and identified cost effective materials with a high coefficient of friction

HONORS

- Recipient of MS distinguished scholarship

Summer 2020 – Spring 2021

- Customer service award

Summer 2017

ADDITIONAL INFORMATION

Computer Skills: R, Python, SQL, MS Office (including Excel VBA), Mathematica, Overleaf, ggplot2, sklearn, Hadoop

Languages: English (Native), French (Fluent)

Interests: Basketball, chess, acoustic guitar, personal fitness, reading, music, stargazing

Work Eligibility: Eligible to work in the U.S. with no restrictions