# Daniel Szabo

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## EDUCATION

**The University of Iowa**, Iowa City, IA - GPA: 3.91/4.0 Anticipated May 2024
Master of Science, Finance
Master of Science, Business Analytics

Bachelor of Business Administration, Finance December 2022
Bachelor of Business Administration, Business Analytics

Dean's List: All semesters
President's List: Fall 2021, Spring 2022

**Relevant Coursework**
Applied Optimization, Data Mining in R, Data Wrangling in R, Financial Accounting and Reporting, Introduction to Python, Business Calculus I and II, Investment Management, Database Management in SQL, Statistics for Business, Advanced Analytics, Quantitative Finance and Deep Learning, Financial Modeling and Firm Valuation, Wealth Management

**Activities**
CFA Institute Research Challenge November 2022 - Present
- Working in a 5-person team to prepare an equity research report to be presented before a panel of industry experts

Quantitative Finance Club - Founding Member and President August 2022 - Present
- Founded an interdisciplinary club and recruited members from undergraduate and graduate departments
- Organized informational sessions on topics and tools for quantitative finance
- Developed trading strategies as part of 5-person teams in CME Group (top 15%) and Bloomberg trading competitions

Tippie Business Honor Society January 2022 - Present
Financial Management Association January 2022 - Present
Beta Gamma Sigma - International honor society October 2021 - Present
HawkTrade Investment Club September 2021 - Present
- Exceeded benchmark in paper trading competition

**University of Debrecen**, Debrecen, Hungary - GPA: 4.6/5.0 September 2018 - May 2019
Business Informatics major

## EXPERIENCE

Technology and Communications Equity Research Analyst, Henry Fund, The University of Iowa January 2023 - Present
- Selected through competitive process to manage a $19.8M endowed equity portfolio with 6 other students
- Responsible for industry and company research in addition to the building of robust models using discounted cash flow, economic profit, relative valuation, and dividend discount analysis

Department of Finance Research Project, The University of Iowa, Iowa City, IA May 2022 - August 2022
- Developed and evaluated univariate, multivariate, and combination forecasting models in R to predict equity risk premium using 15 macroeconomic factors over 3 different in-sample periods
- Created paper portfolios from expected return models with an increase in Sharpe ratio from 0.31 to 0.58

Department of Business Analytics Data Mining Project, The University of Iowa, Iowa City, IA January 2022 - May 2022
- Analyzed bankruptcy through developing classification models (ex. AdaBoost, XGBoost, random forest) and tuned hyperparameters to determine significance of individual and groups of 95 financial ratios
- Minimized false negative error rate of model to 7.7% and false positive error rate to 14.1%

Independent Construction Contractor, Hot Springs, SD July 2020 - August 2020
- Implemented concrete mixing procedure and assisted with construction process for two client projects
- Increased profit on concrete projects by 50%

## SKILLS

- Technical: MS Office, R, RStudio, Python, SQL, GitHub, Oracle APEX, SAS, Tableau, Power BI, FactSet, Bloomberg
- Languages: Fluent in English, Hungarian; limited working proficiency in German
- US and EU citizen