Michael Parker

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SUMMARY

Business and Engineering Honors Student pursuing dual degrees in Finance and Mechanical Engineering, focusing on an accelerated Masters in Financial Engineering. Excellent analytical, critical thinking, multitasking, teamwork, and communication skills. Self-motivated with a passion for financial modeling, corporate finance, and business analytics.

EDUCATION

Lehigh University, Bethlehem, Pennsylvania
Integrated Business and Engineering (IBE) Honors Program   GPA: 3.56
Master of Science – MS, Financial Engineering   May 2026
Bachelor of Science – BSIBE, Finance | Bachelor of Science – BS, Mechanical Engineering   May 2025
Relevant Coursework: Corporate Financial Policy, Financial Modeling, Derivatives, Data Science for Finance, Investments, Financial and Managerial Accounting, Business Analytics I & II, Intermediate Microeconomic Analysis

EXPERIENCE

CFO & Co-Founder   February 2024 – Present
Voyage Analytics & Consulting, LLC, Bethlehem, Pennsylvania
- Co-Founded a boutique analytics consultancy firm, centered on transforming data into actionable investments.
- Specialized in creating interactive dashboards using Power BI, backed by AI solutions written in Python and R.
- Converted organizational financial information into comprehensive means of expansion, driving company growth.
- Awarded funding by Lehigh University Baker Institute, winning several pitch competitions with panelist judges.

Area Supervisor, Operations Management Intern   July 2023 – October 2023
Dorney Park & Wildwater Kingdom, Allentown, Pennsylvania
- Attained fastest promotion to Area Supervisor in recent company history, increasing lead to 100 employees.
- Assembled efficient spreadsheets using Microsoft Excel to conduct performance analyses.
- Budgeted company assets and collaborated with leadership team to drive intelligent business decisions.

Team Lead, Operations Management Intern   March 2023 – July 2023
Dorney Park & Wildwater Kingdom, Allentown, Pennsylvania
- Oversaw 20 employees, ensuring smooth, consistent daily operations.
- Managed people and time, protected company interests, and exhibited strong leadership qualities.

Financial Analyst Intern   June 2022 – January 2023
Family Promise of Southwest New Jersey, Clarksboro, New Jersey
- Utilized Microsoft Excel for data analytics, focusing on the use of VLOOKUP, Solver, and pivot tables.
- Forecasted financial models and presented monthly findings to the board of trustees.

PROJECTS

10-K Sentiment Analysis   January 2024 - Present
Financial Data Science Project
- Analyzed S&P 500 firms to determine if 10-Ks contains value-relevant information in the sentiment of the text.
- Quantified strength relationships using python correlation tables and graphically displayed regressions.

IBE Laboratory   September 2023 – December 2023
Business Management Simulation
- Evaluated business application problems regarding production planning, investments, and optimization problems.
- Awarded first place with the highest net profit among 50 honors students across a 12-month simulation.

SKILLS

Proficient: Microsoft Power BI, Microsoft Excel, Python, R, Minitab, SolidWorks, GitHub
Intermediate: Tableau, MATLAB, Adobe Photoshop, Raspberry Pi