

Patrick Fedor

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PROFESSIONAL SUMMARY

Former hospitality professional with a decade of work experience, looking for opportunities in the data science field. As a graduate student, I took a variety of courses in data analysis including: Machine Learning and Neural Networks; Unleashing Open Data with Python; Data Science for Public Policy; and Macroeconomic Theory.

EDUCATION

MS in Data Analytics and Policy, Concentration in Statistical Analysis, Johns Hopkins University | December 2023

GPA: 3.94

BA in Political Economy, Summa Cum Laude, University of Massachusetts Amherst | August 2022

GPA: 4.0

Awards: Dean's List

KEY SKILLS

Core skills: Data insights & strategy, machine learning, statistics, data visualization, econometrics, research, presentation, stakeholder communication, data management, leadership, human resources

Computer skills/Programming: Python, SQL, Tableau, R, Microsoft Excel

EXPERIENCE

Graduate Student, Johns Hopkins University | Washington, DC | September 2022 - December 2023

- Co-host of Life Design Chronicles Podcast [Episode 10](#)
- Authored Master's Thesis: *A Data Driven Investigation into the Existence of Parental Discrimination in the Labor Market*
 - Conducted empirical research utilizing audit study data to determine that parents were no less likely to receive a callback during the interview process, than non-parent applicants
 - Developed R scripts to retrieve data from the US Census Bureau's Current Population Survey (CPS) database to statistically determine if parents, encountered discriminatory treatment in the workplace
 - Ran regression modeling on CPS data to show that parents were likely to have higher wages by \$0.15 than non-parents when all factors were held constant
- Authored study for Urban Data Analytics: *The Boston Housing Affordability Crisis*
 - Wrote R queries to extract, manipulate, and analyze data from Boston to generate an affordability index
 - Targeted the affordability index to be 3x the median incomes to show what neighborhoods within Boston had median home values above a threshold of affordability
 - Implemented statistical regression models via R to analyze which demographic characteristics predict affordability among Boston census tracts

Director of Merchandising, Maxwell and Co. | Falmouth, MA | October 2020 - October 2021

- Managed logistical operations of store shipments to ensure proper inventory replenishment
- Established strong working relationships with vendors and distributors to ensure timely delivery and quality control of products, which resulted in streamlined operations and increased company new vendor list by 10%
- Led a team of three to efficiently receive and process new incoming products
- Collaborated with the accounting department to ensure proper documentation available for invoicing, payment, and account reconciliation, which facilitated in accurate record-keeping for year-end tax filings

General Manager, Above and Beyond Catering Inc. | Boston, MA | October 2017 - March 2020

- Successfully led a team of 20 to increase gross sales by 13%
- Oversaw the expenses and budgeting to help optimize costs, to include issuing payments to suppliers and monitoring receivables
- Managed human capital strategy, to include: interviewing, employment offers, onboarding, training, performance management and DEI initiatives
- Organized worker compensation and OSHA recordable incident records
- Negotiated contracts with customers and vendors