Ross Lojek
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SUMMARY

Skilled data professional bringing collaboration and communication to data science, data visualization, and business intelligence to inform strategic decisions. Passionate about exploring the intersection between behavior and technology, specifically as it relates to equitable and sustainable growth.

WORK EXPERIENCE

Data Analyst   Newbury, MA
Chartered Alternative Investment Analyst Association   *June 2022 - Present*
- Engage senior level management with understandable and actionable data, serving as lead data analyst for informative and predictive data within a global firm
- Build and maintain robust business intelligence tools for making timely and accurate decisions using Tableau and R
- Construct impactful data visualizations for an audience of varying data literacy, from quantitative Ph.D's to support-role employees
- Automate processes by linking MS SQL Server to Tableau, increasing data reliability and reducing bottlenecks
- Present findings to colleagues and leadership using dashboards, presentations, and other oral and written methods
- Gain unique ethical perspective on alternative investments such as private debt, private equity, and hedge funds

Research Assistant   Amherst, MA
University of Massachusetts   *August 2021 - May 2022*
- Develop web scraping program in Python using pandas and beautifulsoup libraries to collect data on online physician reviews, relevant to forthcoming work by Professor Rudolph Bedeley, Ph.D
- Instituted panel regression, NLP, and research methods to determine significant causal relationships
- Debug, understand, and update code inherited from previous research assistant in Jupyter Notebook and Spyder

Teaching Assistant   Amherst, MA
Business Communication Center   *September 2021 - May 2022*
- Conducted weekly 50 minute lectures by preparing lesson plans, practicing presentation, and mastering concepts related to communication, work ethic, and academic and professional success
- Coordinate regular 1-on-1 meetings to foster positivity and trust, allowing for effective constructive criticism
- Evaluated 22 students according to grading criteria and assignment expectations

Independent Commercial Fisherman   Amherst, MA
Clam Fisherman   *June 2013 - May 2022*
- Operate in a unique local economy that supports blue collar fishermen and coastal communities, while observing the impact of macroeconomic forces, including climate change and policy response
- Harvest shellfish under demanding physical and psychological conditions as an independent and unsupported entity

SKILLS AND COMPETENCIES

Predictive Modeling, Visualization, and Programming
- Construct econometric, data mining, and machine learning models including multivariate regression and logistic regression, clustering, decision trees, etc.
- Apply statistical inference and develop visualizations with an emphasis on geographic and time series data
- Develop logical reasoning in procedural and object-oriented paradigms, including iteration, branching, and recursion

Proficiency in: R, tidyverse, ggplot, dplyr; Python, pandas, numpy; *Tableau; Java; C++*

Leadership, Team Work, and Community Involvement
- Completed independent study on wage setting algorithms in the gig economy and their impact on labor markets, which defended a modernized and flexible approach to worker classification and algorithmic design
- Co-authored grant proposal to study effects climate change and ocean acidification on *M. arenaria* (soft shell clam)
- Elected captain of UMass Men's Club Soccer because of commitment and dedication to team and collective success

EDUCATION

University of Massachusetts Amherst   Amherst, MA
Bachelor of Business Administration in Operations and Information Management   *May 2022*
Isenberg School of Management: major in Operations and Information Management
College of Social and Behavioral Sciences: double major in Economics
- Cumulative GPA: 3.8; Dean's List; Florence Evans Bushee Scholarship; Essex County Agricultural Scholarship