Robert Kravec

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SUMMARY

Results-oriented problem-solver with demonstrated success in management consulting and financial services. Pursuing Statistics Master's degree to blend executive-level communication and strategic thinking with technical expertise. Driven to support organizations leveraging data science in day-to-day operations

EDUCATION

Duke University, Durham, North Carolina
Master of Science in Statistical Science   **Expected graduation date:** May 2022   **GPA:** 3.95
Awards: GEM Full Fellowship, ACM SIGHPC Computational and Data Science Fellowship, Duke Datathon 2020 Winning Submission
Teaching assistantships: Data Science for Business (DEC 520Q), Intro to Data Science (STA 199L)

Stanford University, Stanford, California
Bachelor of Science in Chemical Engineering with distinction   **Graduation date:** June 2017   **GPA:** 4.04
Internships: Tampa Bay Rays, The S Factory (Chile), McKinsey & Company, ConocoPhillips

WORK EXPERIENCE

Capital One, *Senior Business Analyst / Business Manager*, McLean, VA   **Sept 2019 – Jul 2020**
- Analyzed credit card transaction data, leveraging SQL and Python, to develop customer-centric and economically viable credit policies for $10B over-limit authorizations program
- Led foundational customer research, working with cross-functional team, to better understand customer perceptions and customer experience implications of offering products without specified credit limits
- Defined intent for innovative, real-time risk model and developed first iteration with Data Science partners

McKinsey and Company, *Business Analyst / Senior Business Analyst*, Washington, D.C.   **Oct 2017 – Aug 2019**
- Led project team to develop business case for analytics strategy at $5B Logistics company, working directly with Chief Analytics Officer and embedding within Analytics Center of Excellence
- Established customer service improvement program aimed at ~5% increase in market share for multi-billion-dollar trucking equipment manufacturer, working with clients to design pilots for program launch
- Identified ~10% labor cost reduction opportunity and potential customer experience improvement initiatives for multi-family REIT by gathering and analyzing data from over 200 apartment buildings nationwide
- Advised Public Sector client on strategic and tactical modifications to $5B IT roadmap, synthesizing input from 40+ client leadership interviews and 60+ documents to ensure alignment with organizational priorities
- Supported $1B third-party logistics client through customer experience transformation, designing and launching customer survey program, revamping quarterly review process, and coaching client service team

Tampa Bay Rays, *Baseball Operations Intern*, St. Petersburg, FL   **Jun 2016 – Sept 2016**
- Wrote code in Excel VBA to clean, aggregate, and visualize data from novel piece of athletic training equipment, allowing team to analyze results in aggregate and detect macro-level trends
- Analyzed athletic screening data using SQL and R, probing correlations between tests and on-field performance and working with trainers to standardize protocols based on observed data anomalies
- Performed biomechanical measurements of amateur scouting videos to build database of pitcher mechanics
- Provided input on team's strategic vision and potential acquisition targets prior to Trade Deadline

RESEARCH EXPERIENCE

Jaramillo Group, Research Assistant, *Stanford, CA*   **Sept 2014 – Jun 2015**
- Synthesized and tested promising catalysts for fuel cell reactions, utilizing electrochemical cell setup
- Leveraged advanced characterization methods to develop intuition behind chemistry occurring at nano-scale

Nanoscale Prototyping Laboratory, Research Assistant, *Stanford, CA*   **Oct 2013 – Jun 2014**
- Designed and built portable atomic layer deposition system for innovative testing at SLAC National Lab
- Constructed models using SolidWorks software for application in 3D printing and custom part ordering
- Utilized Stanford Nanofabrication Facility to create experimental samples and aggregate data

PERSONAL

Skills: SQL, Python, R, MATLAB, Tableau, Microsoft Word, PowerPoint, Excel, conversational Spanish
Professional interests: Customer experience, operational efficiency, risk modeling, financial markets