MICHAEL BOSTWICK

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PROFESSIONAL SUMMARY

- Statistician with focus in machine learning and data science
- Experience using Python, R and SAS for data manipulation, analysis and visualization
- Diverse background developing communication to drive informed business decisions in non-profit, banking and research sectors
- Highly organized, self-starting problem solver, able to manage multiple efforts and consistently meet deadlines

EDUCATION

University of North Carolina at Chapel Hill, NC — May 2018
M.S., Statistics and Operations Research

University of Connecticut, Storrs, CT — May 2010
B.S., Statistics

EXPERIENCE

RTI International, Durham, NC — 2014 - 2016
Statistician

- Developed statistical programming in SAS to process, weight and analyze survey data for clients including the Centers for Disease Control, the Department of Education and the Department of Justice
- Selected twice to present research findings at the American Association of Public Opinion Research Annual Conference
- Calculated and prepared data for the White House's inaugural release of the College Scorecard, enabling stakeholders a previously unavailable perspective of higher education

Navy Federal Credit Union, Vienna, VA — 2013 - 2014
Performance & Optimization Analyst

- Performed data analysis to identify trends and outliers in the performance of IT project portfolio, resulting in more effective resource utilization and process improvements
- Prepared data for analysis and regular reporting through extensive data processing and manipulation, thoroughly investigating irregularities in the data

IT Research & Strategy Analyst

- Provided research and analysis of trends in the banking industry and information technology directly to the Chief Technology Officer and senior IT leadership team to inform their strategic and tactical initiatives
- Served as an internal consultant, providing guidance and support in the development of departmental strategic plans and strategic business cases, technology research, and other high priority assignments

CRU, Boston, MA — 2011 - 2012
Data Analyst Intern

- Led initiatives to support evidence based decision making for non-profit organization, informing national leadership decisions through accessible presentation of data-based findings
- Analyzed survey results using Excel and R to evaluate effectiveness of conferences, gaining insights on attendee behavior and allowing for enhanced programmatic implementation