

Steve Desilets

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Education

Northwestern University

Evanston, Illinois

Master of Science in Data Science with Artificial Intelligence Specialization (GPA: 4.00 / 4.00) September 2022 – Present

- Studying and applying machine learning, natural language processing, data engineering, database design, deep learning, decision analytics, and statistics using Python, R, SQL, Cypher, Elasticsearch, Excel, and Go

Duke University

Durham, North Carolina

B.A. in Statistical Science and B.S. in Economics (GPA: 3.57 / 4.00)

August 2011 – May 2015

- Studied and applied statistics, calculus, linear algebra, computer science, finance, economics, and accounting using Python, R, Stata, JMP, Maple, and Excel

Professional Experience

Deloitte Consulting, LLP

New York, New York

Senior Consultant – USAID Onboarding Redesign Team

April 2021 – September 2022

- Coordinated with over 100 client stakeholders and led a functional team in the Scaled Agile Framework (SAFe) design, development, testing, and release of the new IT Onboarding Tool in ServiceNow for USAID
- Reduced the onboarding cycle time by 58% for over 300 USAID new hires per year

Consultant – USAID Executive Resources Offboarding Team

January 2021 – March 2021

- Oversaw a team of four staff and collaborated with 80 stakeholders to gather 2,400 offboarding clearances to enable 100 offboarding Executive Resources to receive their final paychecks

Consultant – USAID Organizational Performance Management Team

February 2020 – December 2020

- Synthesized information elicited from 10 USAID Centers into a four-year Human Capital Operating Plan (HCOP) that described the scope and timeline of 174 projects that aligned to USAID's strategy
- Led USAID's institution of a data-driven HRStat program through which the Chief Human Capital Officer reported USAID's progress toward achieving Agency strategic objectives to the Agency's Administrator

Team Lead - USAID Human Resources Transformation Well-being and Inclusion Team

August 2019 – August 2022

- Defined the team's strategy and led a team of 12 staff in organizing 22 well-being and inclusion events

Consultant – USAID Program Management Office

June 2019 – April 2020

- Oversaw the financial, organizational performance management, compliance, and SAFe program management needs for USAID's \$65 million Agile Human Resources Transformation
- Organized and delivered 11 professional development trainings for 50 attendees about an array of topics, including data security, Agile software development, risk management, and key performance indicators

Proposal Pricing Lead and Writer – Deloitte Proposal Teams

October 2018 – September 2022

- Served as the Pricing Lead for three proposals valued at \$5 billion by creating financial models and reports
- Wrote about how Deloitte's expertise positioned the firm to meet clients' needs in six proposals

Consultant – Centers for Medicare and Medicaid Services Program Management Office

June 2018 – June 2019

- Managed the finances for a \$30 million program focused on improving the quality of care in nursing homes

comScore, Inc.

Reston, Virginia

Statistical Analyst – Panel Science Team

July 2015 – May 2018

- Managed nine big data products generated via over 10,000 lines of SAS, SQL, and R code
- Balanced millions of panel participants to accurately reflect the demographic distributions of global online population sizes via the Random Iterative Method (RIM) of weighting
- Expanded comScore's suite of products available by designing and automating a custom RIM weights model
- Enhanced the team's main SAS program to run 60% more quickly. This innovation saved 48 hours per year

Duke University

Durham, North Carolina

Teaching Assistant – Duke University Statistical Science Department

January 2014 – May 2015

- Taught 100 students how to apply statistics using R and JMP in weekly labs, lectures, and office hours

Data Analytics Team Intern – Duke Office of University Development

September 2013 – April 2015

- Enabled Duke to maximize donation revenue via data analysis and reporting using SQL and Tableau

Skills and Certifications

Technical Skills, Languages, and Certifications

- Development Tools and Technical Languages:** SAS, SQL, R / RStudio, Python (Keras, Matplotlib, NLTK, NumPy, Pandas, PuLP, spaCy, Seaborn, TensorFlow, and more), Stata, LaTeX, Cypher, Elasticsearch, Go
- Software and Products:** Microsoft Office, Tableau, JMP, Maple, SEMOSS, Camtasia, ServiceNow, CP3, Neo4j
- Languages:** English (fluent), Spanish (beginner), and Mandarin Chinese (beginner)
- Certifications:** Passed the Probability and Financial Mathematics Exams for the Society of Actuaries, Certified as a PADI Open Water Scuba Diver

References

- Dr. Dalene Stangl:** Duke Statistics Department | dalene.stangl@outlook.com | +1 (919) 308 – 8504