

PROFESSIONAL SUMMARY

Data Science graduate student with experience in **process automation, Python analytics, and machine learning**. Skilled at delivering production-ready solutions and executive-facing insights.

EDUCATION

M.S. IN DATA SCIENCE

Old Dominion University | 2024-2026

- Generative Artificial Intelligence** — Implemented neural networks (MLPs) and diffusion-based generative models; proposed a theoretical framework examining constraints and potential workarounds related to the **quantum no-cloning principle**
- Advanced Machine Learning, Statistical Modeling, Data Mining, Applied Analytics**

B.A. IN ECONOMICS

University of Richmond | 2018-2022

- Minors in Entrepreneurship & Sociology**
- Student-Athlete**

EXPERIENCE

STUDENT PROCESS EXCELLENCE ANALYST | AUG 2025 - PRESENT

SALES OPERATIONS INTERN | JUN 2025 - AUG 2025

ZIM Integrated Shipping Services | Virginia Beach, Virginia

- Standardized **40,000+ customer records**, identified root causes of system-generated duplicates, and designed scalable prevention strategies
- Developed **Python tools and executables** to clean, deduplicate, and validate database entries
- Mapped processes, identified friction points, and authored **BRDs** for head office implementation
- Built **Power BI dashboards** and **Power Automate workflows** automating HR processes, disciplinary write-ups, and event scheduling with approval routing and VP-level tracking
- Presented solutions to **U.S. President and Vice Presidents**, ensuring adoption and executive alignment

CO-AUTHOR, PUBLISH-PENDING RESEARCH PAPER | NOV 2024 - FEB 2025

Old Dominion University | Online

- Validated AI-generated responses against ground-truth data for accuracy
- Contributed to timely submission of research manuscript

DATA SCIENCE INTERN | JUN 2022 - AUG 2022

HopDrive | Richmond, Virginia

- Conducted data analysis to support the acquisition of strategic partners during early-stage growth
- Delivered actionable insights to executives and aligned technical solutions with business objectives

SKILLS

Programming & Data

- Python (Pandas, NumPy, scikit-learn)
- R
- SQL
- MongoDB

Analytics & Automation

- Power BI
- Power Automate
- SPSS Modeler
- Excel Automation

Machine Learning & AI

- Supervised & Unsupervised Learning
- Neural Networks (MLPs)
- Generative Models (VAEs, GANs, Diffusion)
- Transformers/LLM Architectures
- Regression & Statistical Inference

REFERENCES

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Rob Newton

Phone: 804-239-4505

Email: rob@hopdrive.com

SOCIAL MEDIA

LinkedIn

www.linkedin.com/in/kris-seekford-530313187

GitHub

https://github.com/kseeks61/Resume-Projects