Simon Hochmuth

Management & Data Science Consultant | Expertise in Strategy, Analytics & Digital Transformation

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PROFESSIONAL SUMMARY

Data and analytics consultant with 5+ years of experience advising government and defense clients on analytics modernization, forecasting, and operational strategy. Proven track record delivering technical solutions with measurable business impact, including real-time dashboards, predictive modeling, and process automation. Experienced in cross-functional collaboration, executive engagement, and end-to-end project delivery.

EXPERIENCE

LMI   Washington, DC
Senior Consultant | Financial Strategy & Data Science | DOD   Mar 2023 – Present

- Advised CFO and HR leadership by delivering dozens of analytical dashboards that strengthened workforce strategy and improved budget planning & execution across the full enterprise-level portfolio.
- Developed predictive models to forecast attrition, hiring, promotions, and financial execution—enabling leadership to proactively manage workforce dynamics and optimize resource allocation.
- Conducted feature analysis and implemented validation techniques to improve data quality, ensuring reporting accuracy and consistency across critical financial pipelines critical for congressional reporting and watchdog audits.
- Streamlined financial reporting by building automated ETL pipelines and embedding real-time data into dashboards and internal tools—cutting latency from days to real-time for strategic budget oversight.
- Advised the CFO on five-year budget allocation planning by delivering scenario-based financial & workforce forecasts that clarified the downstream impact of various executive and legislative branch decisions.

Booz Allen Hamilton   The Pentagon, VA
Senior Consultant | Logistics, Data Science, & Analytics   July 2021 – Mar 2023

- Advised senior DoD leadership on real-time analytics solutions to improve operational response and visibility, supporting cross-functional initiatives in data governance, supply chain, logistics, and force readiness.
- Led design and implementation of scalable ETL pipelines for millions of logistics records, enabling time-series forecasting for strategic planning. Delivered robust solutions in SQL and Python focused on uptime, data integrity, and operational continuity.
- Collaborated directly with military stakeholders to gather requirements, design data models, and optimize data structures for advanced analytics, strengthening data governance and aligning solutions with DoD mission objectives.

CACI International   Bethesda, MD
Associate Consultant | Data Engineering & Analytics   July 2020 - July 2021

- Delivered software integration and advanced analytics solutions for the Department of the Navy, enabling the organization and analysis of large-scale vehicle maintenance data to support operational readiness and decision-making.
- Developed dashboards and exploratory case studies using Python, Tableau, Grafana, SQL, and MongoDB to help clients interpret complex datasets, uncover insights, and identify opportunities for predictive analytics and automation.

AgustaWestland   Philadelphia, PA
Flight Control Software Engineer   June 2018 - July 2020

- Engineered flight control computer system requirements, developed and executed test plans, and troubleshot software integration issues throughout helicopter design and manufacturing.
- Analyzed time-series data and modeled aircraft dynamics to validate flight safety, assess performance, and evaluate software changes through data-driven simulations.

EDUCATION

University of Maryland Global Campus – M.S. *Data Science*   2024

- **Relevant Coursework**: Decision Systems, Data Visualization, Machine Learning, Predictive Modeling, Big Data Analytics

University of Maryland, College Park - Bachelor of Science – *Aerospace Engineering*   2018

CONSULTING & TECHNICAL SKILLS

Stakeholder Engagement, Strategy Development, Project Scoping, Executive Presentations, Agile Delivery, Python, R, SQL, Tableau, Power BI, Qlik, PySpark, Databricks, Forecasting, Machine Learning, Data Visualization, C#, Git, Plotly, Time Series Forecasting, K-Means, Decision Tree, SARIMA, Random Forest, Keras, Tensorflow, NoSQL, KNN, Regression, Deep learning