WILLIAM SOLOMON

Technology | Data | Design | whs2k.github.io/cv/

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WORK EXPERIENCE

2018 - Present

Senior Risk Manager
AMAZON - Product Quality (PQ) Seattle, WA
· Reduced the counterfeit complaint rate from 62ppm to 8.9ppm ($239M in revenue savings / yr) by: (i) proactively stopping bad actors with predictive ML models & (ii) rebuilding trust with 1.5M customers /qtr by architecting a mobile chat experience for issues we couldn't prevent
· Owned PQ review moderation policy and prodcuts for 330M submitted buyer reviews /qtr

2017 - 2018

Data Scientist
US PATENT OFFICE Alexandria, VA
· Reduced patent processing time by developing data visualizations to predict challenging cases & building NLP/CV ML models to simplify similarity searches served to users via browser extensions

2016 - 2017

Design Strategist
JHU APPLIED PHYSICS LAB Laurel, MD
· Conducted user research and led design thinking workshops for USAF and Navy Scientists

2009 - 2016

RF Engineer and Professional Services Manager
QUAKE GLOBAL Toulouse FR & San Diego, CA
· Delivered RFID process improvement solutions for 50+ clients across manufacturing (Airbus & Caterpillar), government (US Department of State & US Navy), healthcare (Mayo Clinic & Cerner) finance (Morgan Stanley), & social media (Vail Resorts, & Nissan)

EDUCATION

2015 - 2017

Masters of Business Administration
THE JOHNS HOPKINS UNIVERSITY
Concentrations: Finance, Risk Management, and IS

2015 - 2017

Masters of Design Leadership
MARYLAND INSTITUTE COLLEGE OF ART

2016 - 2017

International Development Coursework
SAIS (School of Advanced International Studies)

2005 - 2009

Bachelor of Science: Mechanical Engineering
THE UNIVERSITY OF VIRGINIA

SKILLS

Business & Design
Strategic Planning, Metric Definition & Goal Setting, Road-Mapping, Policy Development, User Research, Design Thinking, Rapid Prototyping, Product Management and Project Delivery in Ambiguous Environments, Data Analytics, Experimentation, A/B Testing, Negotiation, Adobe Suite, UX, and Fabrication

Tech & Data Science
Architecture and System Design; Technical Decision-Making Balancing Functionality and Simplicity; Agile Development; ML and LLM, Deployment, and Maintenance; Documentation; Programming Languages and Principles (Cloud vs On-Premise, AWS, Python, SQL, PySpark, Linux, Git, HTML), and CompTIA RF Engineer Certification

Leadership
Built and managed multiple five-person teams, Conducted 60+ interviews, Mentored 15+ colleagues, Quarterly talent review, Hackathons, 4,500+ PMP Qualified hours, Sustainability Ambassador, and Budget management

INTERESTS

Advanced French, Soccer, Music Production, Technical Writing and Blogging, Alexa Skills, Investing, ML, LLM, AI, Blockchain, Tech for Good