

Shawn Rutledge

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SUMMARY

An accomplished machine learning practitioner and innovator with decades of experience building solutions across diverse verticals such as financial services, e-commerce, and social media. Technology executive at top brands (IBM, Expedia, Nordstrom) and principal contributor, leader, and/or advisor to more than a dozen Seattle area startups.

KEY SKILLS & EXPERIENCE

- Built high performance applied research teams and led them in developing, prototyping, and integrating state-of-the-art machine learning algorithms into products (websites, apps, software as a service).
 - Set technology vision, owned research roadmaps, developed intellectual property and product strategies, and demonstrated thought leadership through white papers, speaking, and key customer relationships.
 - Skilled at working in a cross-functional manner with executive management, research and product development organizations, and customer and business groups.
- Deep expertise and hands-on experience with machine learning, particularly in adapting and applying leading-edge techniques to industry.
 - Concentrated experience in text including NLP, language models, text classification, topic modeling, sentiment, social media analytics, information retrieval (search), visualization, and summarization.
 - Concentrated experience in fraud, risk, and threat detection. Developed models used by many of the top financial institutions and retailers (e.g. Starbucks, Expedia, Visa) and government agencies.
 - Concentrated experience in recommender systems and personalization. Developed models used by many leading retailers and advertisers (e.g. eBay, T-Mobile, Oracle).
- Seven patents issued in the US, three issued internationally, and several pending.
- Proficient in Python, R, PyTorch, TensorFlow, SQL and dozens of other programming and statistical languages/packages. Expertise in data and cloud computing technologies.

SELECTED WORK HISTORY

Sr. Principal Data Scientist Nordstrom, Seattle, WA	2021 – present
Chief Scientist Sigma IQ, Seattle, WA	2019 – 2021
Founder and Chief Scientist kFold Enterprises, Seattle, WA	2014 – 2019
Principal Data Scientist Expedia, Bellevue, WA	2013 – 2014
Chief Scientist Visible Technologies, Bellevue, WA	2009 – 2012
Sr. Director, Applied Research First Data (Intelligent Results), Bellevue, WA	2002 – 2009

EDUCATION

Stanford University, Graduate Coursework in Statistics
Washington State University, B.S. Computer Science