

Philip Stevens

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Summary

Accomplished data scientist with over a decade of expertise in developing transformative AI and machine learning solutions across diverse domains such as digital advertising and online travel. Proven track record of delivering scalable models that drive substantial business value, increase revenue, and enhance customer satisfaction. Currently on sabbatical, eager to start the next phase of my career where I can continue to leverage my skills and experience to make meaningful contributions to innovative projects and teams.

Links: [Website](#), [LinkedIn](#)

Skills

Python, SQL, Scala, Java, Big Data, Machine Learning, Artificial Intelligence, Data Science, NLP

Recent Experience

Agoda

Senior Data Scientist | 03/2020 - 02/2023

Leading online travel agency, subsidiary of Booking Holdings.

Accomplishments and Responsibilities:

- Spearheaded contextual bandit integration for front-end optimization, significantly enhancing user experience and driving notable KPI and revenue growth.
- Elevated user engagement through various other initiatives, including developing embedding-based recommendation systems and NLP models to highlight impactful sections of user-generated reviews.
- Expanded the team and mentored interns and junior members

Quantcast

Modeling Scientist | 10/2013 - 09/2018

Industry-leading AI-powered targeted advertising and audience measurement based in San Francisco. Joined as part of startup acquisition.

Accomplishments and Responsibilities:

- Directed numerous projects to develop, enhance and optimize core targeting models, resulting in significant KPI and revenue improvements.
- Led experiments in adding new features, advanced feature engineering (e.g., embeddings), feature selection, model development, hyperparameter tuning, and data quality assurance.
- Collaborated directly with clients, delivering successful bespoke projects and presenting technology updates to ad agencies.

Education

University of Auckland

MSc, Computer Science | 09/2012

- Graduated with 1st Class Honours
- Awarded First in Course in COMPSCI 767 (Intelligent Software Agents)
- Awarded Faculty of Science Master's Award
- Received Master's Scholarship funded through the Royal Society of New Zealand Marsden Grant, under Dr. Beryl Plimmer
- Publication: [Stevens, Blagojevic, & Plimmer, 2013: "Supervised Machine Learning for Grouping Sketch Diagram Strokes." SBIM '13](#)

University of Auckland

BA, Mathematics & Philosophy | 04/2010