

SIMONE VINCENZI, Ph.D.

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SUMMARY

- **Senior AI/ML leader with 20 years of experience** delivering end-to-end AI/ML solutions that drive \$100M+ business impact. Specializing in scalable forecasting, LLM strategy, AI-driven product optimization, and cross-functional collaboration.
 - Experienced in developing AI/ML roadmaps and **leading diverse, high-performing teams** to build and deploy enterprise-scale AI/ML solutions.
 - Key achievements include developing core **AI/ML components for Netflix's content forecasting system**. As part of the extended leadership team, helped scale **Ericsson's AI Accelerator** into a 300-person division, driving AI adoption in telecom.
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PROFESSIONAL EXPERIENCE

ERICSSON – Santa Clara, CA

Director, AI and Data Science (2019 – 2024)

Led strategic initiatives and managed teams to develop e2e AI/ML solutions for telecommunications infrastructure and customer products.

Key Achievements:

Leadership

- Played a key role as founding member in establishing and scaling Ericsson's 300-people **AI Accelerator**.
- Built and led a **high-performing AI/ML team of 10+ people** working on anomaly detection, forecasting, causal inference, and LLMs using classical and DNN models.

Business

- Served as principal technical partner to **Ericsson Ventures** on AI investment decisions.
- Supported the cross-functional development of **Ericsson's LLM for telecommunications**.
- Led AI/ML strategy alignment and customer engagements for AI/ML solutions in the North American market.

Technical

- Leveraged multiple complex data sources to develop e2e multimodal AI/ML models for network optimization, **reducing dropped calls by up to 20%**.
 - Engineered e2e statistical- and DNN-based time-series models on Azure cloud to identify real-time performance deviations for Connected Vehicle products, **increasing customer retention by 5%** through proactive issue resolution.
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NETFLIX – Los Gatos and Los Angeles, CA

Senior ML Scientist (2017 – 2018)

Developed AI/ML models for viewership prediction and content valuation, directly informing **\$1B+ annual content acquisition and marketing decisions**.

Key Achievements:

Leadership

- Collaborated with cross-functional teams including content strategy, finance, and data engineering to integrate ML-driven forecasting into Netflix’s decision-making processes.

Technical

- **Achieved 95%+ accuracy** in country-specific and global viewership predictions for Netflix Originals by architecting hierarchical, non-linear forecasting models in TMB.
 - Designed an XGBoost-based economic efficiency forecasting system for Netflix Originals, improving accuracy **8x over legacy models**.
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UNIVERSITY OF CALIFORNIA, SANTA CRUZ – Santa Cruz, CA

Principal Investigator (2011 – 2017)

Led a multi-year research program funded by the EU commission developing ML applications to predict the temporal and spatial dynamics of biological systems

EDUCATION

Ph.D., Ecology/Mathematical Biology – University of Parma, Italy

CORE TECHNICAL COMPETENCIES AND SKILLS

- **AI/ML:** Deep Learning, LLMs, MLOps, Time Series Forecasting, Probabilistic Modeling, Python/R/SQL, Cloud (Google/Azure).
- **Leadership:** Structured feedback, 1:1 & group mentorship, team building,
- **Communication:** Exceptional multilingual (English, Italian, Spanish) executive & technical communication, clear & effective writing.
- **Strategic:** AI/ML roadmap, OKRs, cross-functional collaboration, organizational transformation.