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Personal Webpage  
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## Summary

Over 12 years of experience in shaping and delivering large-scale AI solutions for various products with a track record of developing and leading multi-year technology strategies. Over 7 years of experience managing research and engineering teams across multiple sites.

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## Work Experience

**Principle Staff AI Scientist** **LinkedIn**  
Mountain View, CA. Jun 2023 - Present  
*I have formed and currently lead a team of over 20 AI scientists and engineers to train and operationalize an LLM-based foundational model for LinkedIn's personalization tasks at scale.*

**Sr. Staff Tech Lead Manager** **Meta AI**  
Menlo Park, CA. May 2018 - Jun 2023  
*Leading a medium-size team of research scientists and software engineers. Our mission is to advance AI technologies to improve users' (safe) experience in the Family of Apps. My team builds multimodal foundational models and services used across 200+ Meta integrity products.*

**Staff Machine Learning Engineer** **LinkedIn**  
Mountain View, CA. Jan 2016 - May 2018  
*Leading LinkedIn Ads Sponsored Update relevance (five engineers, one analytics, one PM). The team is responsible for modeling and raking advertising content on the LinkedIn news feed that shows ads from millions of advertisers to hundreds of millions of LinkedIn daily active users.*

**Staff Tech Lead Manager** **Base CRM (acquired by Zendesk)**  
Mountain View, CA. Dec 2014 - Jan 2016  
*Leading a four-engineer group for forecasting. We are responsible for a) Predicting sales attributes (dollar amount, closed date, and the closing probability) for the Sales team b) Predicting the possibility of churn for the Customer Success (CSM) team. media coverage*

**Sr. Machine Learning Engineer** **Falconry (acquired by IFS)**  
Santa Clara, CA. Jan 2012 - Dec 2014  
*Building an early warning system based on time series data that provides diagnosis and prognosis of large industrial machines.*

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## Career Highlights

- [LinkedIn Core AI] Developed a foundational model with 200B+ parameters using LLM technology, incorporating pre-training, instruction fine-tuning, and alignment techniques, to streamline +50 personalization and prediction tasks across LinkedIn products.[blog post WIP]
  - [Meta AI] Built and scaled up a multi-billion horizontal AI model for understanding complex business entities (e.g., pages, accounts) for Meta integrity products. The service is based on a deep multi-billion parameters Transformer model and serves tens of billions of queries per day across all Meta surfaces (feed, ads, shops, marketplace) [media coverage: link1, link2].
  - [Meta AI] Led a global team of +20 people with cross-functionalities (RS, DS, PM, Comms, Legal, Privacy) across Meta AI to build, release, and publicize hateful memes dataset, the first dataset released from Meta based on internal data. We launched a first-of-its-kind on-line competition with \$100k total prize pool as part of NeurIPS'20 that attracted over 3,300 participants from around the world. [media coverage: link1, link2]
  - [Meta AI] Led the immediate team and the extended team of 25 engineers across 4 orgs (AI, Infra, platform, and news feed) to enable an internal AI framework for multimodal modeling. With 500+ monthly active developers, the framework is used across Meta to rapidly create and deploy domain-specific multimodal models (e.g., search, hate speech, feed). These models can holistically understand content across images, text, comments, etc. [ media Coverage]
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## Education

**Electrical Engineering Department,** Ph.D.  
**University of Washington,**  
Seattle, WA. **2008-2012**