Alexander Bleykher

Staff Machine Learning Engineer

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SUMMARY

Staff Machine Learning Engineer at Apple on the Siri Visual Intelligence team, leading machine learning work from model training to production. Previously at Google (Search Ads 360) and Microsoft (Bing), and co-founder and CTO of a startup.

EXPERIENCE

Staff Machine Learning Engineer, Apple · Seattle, WA — 2019 – Present

Siri Visual Intelligence team.

- Led development of the Art and Media domains for Visual Intelligence lookup.
- Led the text encoders for Apple's diffusion model, which powers Genmoji and Image Playground.
- Led development and deployment of the Weather domain.

Senior Software Engineer, Google · Kirkland, WA — 2016 – 2019

Full-stack engineer on the Search Ads 360 campaign management team.

- Led the Search Ads 360 partnership with Bing Ads.
- Led the parallel tracking initiative for Search Ads 360, coordinating work across three organizations and leading five engineers from four teams through implementation.

Software Development Engineer II, Microsoft · Bellevue, WA — 2012 – 2016

Built features for the Bing Multimedia Entertainment and Whole Page Relevance teams, working with many teams across Microsoft.

- Brought music videos and movie trailers to Bing.com search, reaching more than 100,000 users a month.
- Improved the accuracy and relevance of related entities in Bing Images and Video.
- Built the backend for Celebs Like Me, an Oscars-week project that matched people with celebrity look-alikes, serving more than 500 queries per second at peak on Azure.

Co-founder and CTO, Seedway · Moscow, Russia — 2009 – 2012

Led development and delivery of a text-message marketing platform for Devino Telecom.

SKILLS

Languages	Go, Python, C#, Java, C++, SQL, JavaScript
Frameworks	JAX, PyTorch, .NET
Areas	Machine learning training and deployment, Big data, Web services

EDUCATION

M.S.	Information Technology, Bauman Moscow State Technical University
B.S.	Information Technology, Bauman Moscow State Technical University