Jeremiah HARMSEN
Machine Learning Technical Lead & Manager

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Passionate engineering lead with a history of building teams and tools to power machine learning. Focused on increasing the impact of machine learning through research, infrastructure, consultation and education.

💼 EXPERIENCE

Present **March 2017**	**Lead | Brain Applied Machine Intelligence, GOOGLE, Zurich** › Built a high-impact applied machine learning team in a distributed office › Focus on connecting research to application with tools such as TensorFlow Hub and AutoML › Nurtured long-term collaborations with key academic institutions, e.g., ETH Zurich › Responsible for technical leadership, recruiting key talent, performance management, compensation, etc...
February 2017 **January 2012**	**Technical Lead / Manager | Google AI, GOOGLE, Mountain View** › Led teams responsible for machine learned retrieval, TensorFlow Serving, Wide & Deep, etc... › Created Google-wide, machine learning educational efforts
January 2012 **October 2005**	**Software Engineer + Technical Lead, GOOGLE, Mountain View** › Technical lead of Display Campaign Optimizer › Technical lead of Display Ads Document Processing and Semantic Match

🖥 PROJECTS / DETAILED EXPERIENCE

TENSORFLOW HUB   MAR 2017 - PRESENT
○ github.com/tensorflow/hub   **⬈** tensorflow.org/hub
TensorFlow Hub is a library for the publication, discovery, and consumption of reusable parts of machine learning models.
`Founder` `Lead` `ML Platforms` `Transfer Learning`

TENSORFLOW SERVING   JUNE 2015 - MARCH 2016
○ github.com/tensorflow/serving   **⬈** tensorflow.org/serving
TensorFlow Serving is a flexible, high-performance serving system for machine learning models, designed for production environments.
`Founder` `Lead` `ML in Production` `High-performance ML`

▶ SELECTED TALKS

› TensorFlow Developer Summit '17 : TensorFlow Hub
› Google I/O '18 : TensorFlow in Production
› TensorFlow Meets : TensorFlow Hub

🎓 RENSSELAER POLYTECHNIC INST.

2005	Ph.D. Electrical engineering
2005	M.S. Applied mathematics
2003	M.S. Electrical engineering
2001	Dual B.S. Electrical & computer engineering

⚗ SELECTED PUBLICATIONS

› TensorFlow-Serving : Flexible, High-Performance ML Serving
› Wide & Deep Learning for Recommender Systems
› Up Next : Retrieval Methods for Large Scale Related Video Suggestion
› Capacity of Steganographic Channels