

Michael Graczyk

Machine Learning Researcher and Founder with 12+ Years of Experience

mgraczyk.com
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Work

- **Quilt** quilt.app
Cofounder and CTO 2023 - Present
 - Automating technical selling
- **Google Research** google.com
Staff Engineer 2021 - 2023
 - Researching computational photography with generative AI, synthetic data
 - Tech Lead for projects in core image quality, ML models on edge TPUs
 - Built end to end data generation, training, and inference running on millions of devices
- **Instagram (Meta)** instagram.com
ML Engineer 2019 - 2021
 - Tech Lead for camera and comments ranking and personalization
 - Leading cross-functional efforts across multiple teams of 12+ people, ML at scale domain expert
 - Increased key engagement metrics by XX% during COVID compute-capacity crunch
- **OpenToken and hunches** hunches.app
Cofounder and CTO 2017 - 2019
 - Raised \$2.6M in venture capital to build a cryptocurrency crowdfunding platform
 - Managed 3 experienced engineers
 - Company pivoted, later acquired at \$XXM valuation
- **comma.ai** comma.ai
VP Engineering 2016 - 2017
 - Managed 2 specialized engineers on mapping and localization projects
 - Designed and trained deep neural networks for driving and video processing
- **Google** Audio Research
Engineer 2014 - 2016
- **Qualcomm** DSP Architecture
Engineer 2013 - 2014
- **Intel** Graphics Architecture
Co-op Engineer 2012 - 2013

Education

- **Stanford University**
MS Electrical Engineering
 - Machine Learning and Distributed Systems
- **University of Texas at Austin**
BS Mathematics, BS Electrical Engineering

Everything Else

Languages: Python, C/C++, Rust, Javascript/HTML/CSS, Go, solidity, \LaTeX , Java, C#, Lua, MATLAB, asm, perl, bash, PHP/Hack

Other Roles: Advisor at hero.app (acquired by People.ai), Store.app, Virtual Staging AI. Open source contributor, cryptocurrency blogger

Technologies: Machine Learning (jax, pytorch, tensorflow), Generative AI, LLMs, Edge TPUs, Blockchain/Cryptocurrency, React, Hardware Emulation, GCP and AWS S{E,N,Q,S,...}S