

# Michael Graczyk

Machine Learning Researcher and Engineer with 11+ Years of Experience

mgraczyk.com  
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## Work

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- **Quilt** quilt.app  
*Cofounder and CTO*  
– Automating technical selling  
2023 - Present
- **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

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

## Everything Else

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**Languages:** Python, C/C++, Rust, Javascript/HTML/CSS, Go, solidity,  $\text{\LaTeX}$ , 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