

# Michael Graczyk

ML/AI researcher and engineer.

13+ yrs shipping fast multimodal AI to >1 B users, raised \$5 M for two startups.

mgraczyk.com

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github.com/mgraczyk

## Work

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- **Anthropic** anthropic.com  
*MTS* 2025 - Present
- **Quilt** quilt.app  
*Cofounder and CTO* 2023 - 2025
  - Raised \$2.5M, scaled team to 9 people
  - Deployed AI agents to public companies with fine-tuned embeddings and search models
- **Google Research** google.com  
*Staff Engineer* 2021 - 2023
  - Created >1M-image dataset and trained/optimized U-Net for Edge TPU, runs on >20M Pixel devices
  - Reduced entire pipeline memory/latency/power >10% to make room for my new models
- **Instagram (Meta)** instagram.com  
*ML Engineer* 2019 - 2021
  - Increased camera engagement >10% and stories engagement >0.5% new models and data/value model
  - Tech lead for cross-functional efforts across multiple teams of 12+ people, ML at scale domain expert
- **OpenToken and hunches** hunches.app  
*Cofounder and CTO* 2017 - 2019
  - Raised \$2.6M, hired 3 engineers, built a crypto crowdfunding platform, moved >\$40M
  - Company acquired for \$40M after I left and after a pivot
- **comma.ai** comma.ai  
*VP Engineering* 2016 - 2017
  - Shipped Level 2 self driving to >1000 users with behavioral cloning and computer vision
  - Used LSTMs, custom keras→OpenCL compiler, novel multimodal loss, custom data pipeline
- **Google (audio), Qualcomm (DSP arch), Intel (GPU arch)**  
*Engineer* 2012 - 2016

## 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*

## Papers

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- Design and Analysis of a Hardware CNN Accelerator (2017)
- On pre-filtering strategies for the GCC-PHAT algorithm (2016)
- Automatic Product Categorization for Anonymous Marketplaces (2015)

## Everything Else

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**Languages:** Python, C/C++, Rust, Typescript/Javascript, Go, Java, C#, Lua, MATLAB, asm, Perl, Hack

**Technologies:** ML (pytorch, jax, tensorflow, tfite), LLMs, Agents, Edge TPUs, React, GCP and AWS

**Other Roles:** Advisor at hero.app (acquired by People.ai), Advisor at Virtual Staging AI (acquired by Zillow)