

Michael Graczyk

Machine Learning Engineer with 9+ Years of Experience

mgraczyk.com
michael@mgraczyk.com

Work

- **Google** google.com
Staff Engineer 2021 - Present
 - Researching computational photography for next generation devices
 - Lead project to train core image ML models and deploy on edge TPUs
- **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
 - Domain expert and mentor in delivering machine learning at scale
 - Increased key camera 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
 - Set technical direction, design for mixed blockchain/web platform
 - 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
 - Validated and monitored models on public roads in a fleet of hundreds of devices
- **Google** media signal processing
Engineer 2014 - 2016
- **Qualcomm** DSP Architecture
Engineer 2013 - 2014
- **Intel**
Co-op Engineer 2012 - 2013

Education

- **Stanford University**
MS Electrical Engineering
 - Machine Learning and Distributed Computing
- **University of Texas at Austin**
BS Mathematics, BS Electrical Engineering
 - Applied Mathematics, Signal Processing, and Computer Architecture

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), open source contributor, cryptocurrency blogger, cryptocurrency miner

Technologies: Machine Learning (jax, pytorch, tensorflow), Blockchain/Cryptocurrency, Audio/Video Processing/Compression, React, Hardware Emulation, AWS S{E,N,Q,S,...}S