

Michael Graczyk

Machine Learning Engineer with 8+ Years of Experience

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Work

- **Instagram (Facebook)** instagram.com
ML Engineer 2019 - Present
 - 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
 - Handled \$20M+ in transaction volume, scoped and negotiated contracts for \$300k+ revenue
- **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
 - Invented new techniques for practical 3D audio compression
 - Implemented high performance C++ audio processing for low-power and low-latency systems like WebRTC
 - Co-managed 2 interns
- **Qualcomm** DSP Architecture
Engineer 2013 - 2014
- **Intel** Full-time Coop
Engineer 2012 - 2013

Education

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

Everything Else

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

Other Roles: Advisor at hero.app, open source contributor, cryptocurrency blogger

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