

ANKUSH GOLA

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2660 3rd Street · San Francisco, CA 94107

EDUCATION

Princeton University · Princeton, NJ

June 2015

B.S.E. in Electrical Engineering, with Honors

Selected Coursework: Algorithms & Data Structures · Operating Systems · Advanced Programming Techniques · Computer Architecture · Automatic Control Systems · Embedded Systems · Image Processing · Signal Processing

Activities: IEEE · Wind Ensemble (Alto Saxophone) · Sigma Xi Research Honors Society

SELECTED AWARDS

The Bradley Dickinson Award (Co-Recipient) · *Princeton Dept of Electrical Engineering*

June 2015

Awarded to a senior with an outstanding record in the design and implementation of complex electronic systems.

Greylock Hackfest (Second Place) · *Greylock Partners*

Summer 2014

One-time overall second place winner (\$5000 in prizes, accolades from several top Silicon Valley CEOs) and one-time finalist (top 10) in the prestigious, invitation-only hackathon in San Francisco.

EXPERIENCE

Robust Intelligence · San Francisco, CA

December 2019 - Present

Technical Lead

Joined Robust Intelligence, an AI security startup funded by Sequoia and Engineering Capital, as the first software engineer and sixth employee. Key contributions:

- Independently designed and developed core machine learning infrastructure. Executed several successful POCs with customers in the payments and software space.
- Contributed to the development of proprietary algorithms that discover vulnerabilities in ML fraud models.
- Played an active role in growing the engineering team and overall company size from 6 to 16.
- Currently leading the platform engineering group and reporting directly to the CEO. Setting technical direction and coming up with execution plans for every engineering sprint.

Facebook · Cambridge, MA

August 2015 - November 2019

Senior Software Engineer

Joined Facebook NYC in 2015 as a new-grad software engineer. Transitioned to senior software engineer and moved to the Cambridge office in mid-2018. Key contributions:

- Played a large role in implementing data warehouse sampling at scale for the two major compute engines used at Facebook: Spark and Presto.
- Led the development of a new stall detection system for the Facebook iOS applications (including FB and IG). The new system helped drive down app crashes and freezes by a significant amount.

SELECTED PROJECTS

Dynamic Baseline Binocular Stereo with Multirotor UAVs · (Undergraduate Thesis)

Spring 2015

A dynamic baseline stereo vision system that produces novel depth-perception enhancing effects in 3D cinema by filming left and right perspectives with independent UAVs. Utilized techniques from machine learning, control theory and computer vision. Received top grade of A+.

SKILLS

Languages & Frameworks: Python, Go, Java, C/C++, Objective C, PHP, Scala, OCaml, Flask, iOS, Android

Developer Tools & Infrastructure: Git, Mercurial, Docker, Kubernetes, Istio, Terraform, Spark, Hive, CircleCI, Google Cloud Platform, Amazon Web Services, gRPC, PyPI, Asana, Monday