

# Sumanth Gurram

## EDUCATION

### UC BERKELEY

BS IN EECS

BS IN BUSINESS

Aug 2019 - May 2023

**M.E.T. Dual Degree Program**

**EECS Honors Program**

**Blockchain at Berkeley**

**Soma Capital 2022 Fellow**

## LINKS

LinkedIn: [sumanth-gurram](#)

Github: [sumanthgenz](#)

Google Scholar: [sumanth gurram](#)

## SKILLS

### LANGUAGES

Python • Java • C •

C++ • Go • SQL •

JS/TS • HTML/CSS •

Solidity • RISC-V • Intel x86

### TOOLS

PyTorch • TensorFlow • Scikit-Learn •

HuggingFace • ElasticSearch •

GCP • AWS • Kubernetes •

PostgreSQL • GraphQL • React.js •

Asana • DataDog • Unity • LaTeX

## COURSEWORK

### CS

**CS 61A:** Programs

**CS 61B:** Data Structures

**CS 61C:** Computer Architecture

**CS 162:** Computer Security

**CS 162:** Operating Systems

**CS 170:** Algorithms & Intractability

**CS 186:** Database Systems

### EE

**EECS 16A:** Linear Algebra & Circuits

**EECS 16B:** Diff. Equations & Controls

### MATH & ML

**MATH 53:** Multivariable Calculus

**CS 70:** Discrete Math & Probability

**CS 188:** Artificial Intelligence

**EECS 126:** Random Processes

## AWARDS

IEEE Eta Kappa Nu (top 25% of EECS)

Dean's Honors List (top 10% sem. GPA)

## INDUSTRY

### ZIP | SOFTWARE ENGINEER

June 2023 – Now | San Francisco, CA

- Drove 0-1 for revamped core dashboards, managing user transitions
- Created vendor similarity AI feature for intake, requests and sourcing
- Built admin tools for 7X reduction in approval routing bug load
- Working on Copilot AI and speeding up core approval mutations

### META | RESEARCH ENGINEER INTERN

July 2022 – Sept 2022 | Menlo Park, CA

- Created gaze and speech-based interfaces for interactive segmentation as part of Segment Anything (SAM) at Facebook AI Research

### NURO | SOFTWARE ENGINEER INTERN

April 2022 – July 2022 | Mountain View, CA

- Built new cost tracking, data migration, synthetic traffic infrastructure for NuFS, a distributed file system with >100 PB self-driving data

### APPLE | MACHINE LEARNING INTERN

May 2021 – Aug 2021 | Cupertino, CA

- Delivered 3D object pose-estimation model and synthetic data generator for robots to automate Apple Watch QA testing

### SERVICENOW | MACHINE LEARNING INTERN

May 2020 – Aug 2020 | Santa Clara, CA

- Retrieval-augmented generation (RAG), policy QA chatbots and intent classification models; presented to C-suite

## RESEARCH

### SKY COMPUTING | UNDERGRADUATE RESEARCHER

Aug 2022 – Present | Berkeley, CA

- Advised by Prof. Ion Stoica and Zhanghao Wu for multi-cloud ML infra

### BERKELEY AI RESEARCH | UNDERGRADUATE RESEARCHER

May 2020 – July 2022 | Berkeley, CA

- Advised by Prof. John Canny and David Chan for multi-modal video learning

## PUBLICATIONS

- [1] S. Gurram, A. Fang, D. Chan, and J. Canny. Lava: Language audio vision alignment for contrastive video pre-training. *ICML Workshop*, 2022.

## PROJECTS

### ARROW AI 2022

- Building a CI platform to test ML models + track metrics on key data segments
- PyTorch / Tensorflow / AWS Amplify, Lambda, S3 / Docker / React / CSS