

Shuban Kiranagi

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Education:

May 2020 Ph.D in Machine Learning- University of Michigan	May 2021
M.S in Computer science- University of Michigan	May 2017
Graduated from University of Michigan	April 2014

Skills:

Python, Java, R, HTML, CSS, Creating NLP's

Projects/ Experiences:

Meta

AI research intern

June 2021-June 2022

- I collaborated with other research engineers on generative modelling, large language model and machine learning.
- Designed and developed perception learning algorithms for detection and classification in a video frame
- Produced publication which was published in CV PR AI conference 2022.

Junior Machine Learning engineer

June 2022- July 2023

- Designed methods, tools, and infrastructure to push forward the state of the art in LLP
- Defined research goals informed by practical engineering concerns.
- Contributed to experiments, including designing experimental details, writing reusable code,ed running evaluations, and organizing results.

- Adapt standard machine learning methods to best exploit modern parallel environments (e.g. distributed clusters, multicore SMP, and GPU). Worked with a large and globally distributed team. Contributed to publications and open-sourcing efforts.

Senior software Engineer -

June 2023- Present

- Applied depth knowledge of AI infrastructure and hardware acceleration techniques which built and optimize our intelligent machine learning systems that improved Meta's product and experiences.
- Set direction and goals for the team related to project impact, AI system design, infrastructure, and developer efficiency.
- Directed and influenced partners to deliver impact through deep, thorough data-driven analysis
- Defined use cases and developed methodology and benchmarks to evaluate different strategies
- Lead large and complex technical efforts across many engineers and teams.
- Mentored other engineers, research scientists and improved quality of engineering work in the broader team.
- Helped onboard new team members, provided mentorship, and enables successful ramp up on the team's code base.

Publication:

Extension of Large language models for regional languages in North America - CVPR AI 2022