ANOSHA RAHIM

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EDUCATION

Minerva University   **San Francisco**
Bachelors in Computer Science, AI and Machine Learning, GPA: 3.53   *December, 2022*
- Got accepted with a 1% acceptance rate and a full-ride merit scholarship.
- Organized a MLH tech hackathon in collaboration with GitHub for 150+ engineers, raising over $20,000 in newly established partnerships.
- Lived and studied in 5 countries as part of the most innovative undergrad program in the world.
- Founder of Minerva Sustainability Club; True Ventures Fellow; Codepath Tech Fellow, Graduated cum laude.

Relevant Coursework: Deep Learning, Machine Learning, Artificial Intelligence, Data Structures and Algorithms, Theory of Computation, Bayesian Inference, Computational Data Science, Statistical Inference

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EXPERIENCE

L&Y   **San Francisco**
Technology Consultant [React, JavaScript, AWS (S3), Python, TTS AI, Docker]   *January 2024 - Present*
- Designed and built an app that converts blogs to audio using text-to-speech AI models.
- Improved the AI agent chat experience for 10,000 users by shipping various UI features in React for a YC client.
- Led the development and launch of an AI-powered search engine extension on Chrome for 30,000 users.
- Launched a technical newsletter to 5,000 subscribers for an AI agent client company based in San Francisco.

Zoom   **San Francisco**
AI Engineer Intern – [Python, BERT, TensorFlow, Linux, NLP, Question Answering]   *September 2022 – December 2022*
- Spearheaded the evaluation of BERT-based transformers into the retrieval pipeline to expand short user queries.
- Advised ColBERT-PRF model for optimal query expansion grounded in local context, projected to resolve query-based model error by feeding an expanded input embedding into downstream models.

Enveda Biosciences   **San Francisco**
Software Engineer Intern – [Python, AWS, Data Engineering, Graphs]   *June 2022 – August 2022*
- Encoded 50,000+ plants and diseases in a graph-based data structure using object-oriented programming to speed up AI-powered drug discovery.
- Optimized scientist efficiency in finding new drug targets by making drug-disease connections easily queryable.

Omdena   **San Francisco**
Machine Learning Intern - [Deep Learning, Computer Vision, TensorFlow, PyTorch]   *Jun 2021 – Aug 2021*
- Collaborated with the object-detection team in fine-tuning computer vision models to digitize engineering blueprints.

Minerva Project   **San Francisco**
Product Management Intern   *May 2019 – September 2021*
- Designed and launched the institution's first digital community platform adopted by 1500+ users.
- Collaborated across a network of 10 overlapping teams to delineate product requirements for varying user types.

PROJECTS

Emotion Detection – [Fine Tuning, Dimensionality Reduction, T-SNE, Deep Learning, Computer Vision]
- Fine-tuned ResNet50 and VGG16 architectures on facial expressions data.
- Compiled a 20,000-word interdisciplinary critique of computer vision-based emotion AI techniques.

Deep Learning Course Design & Implementation [NLP, CV, Neural Networks, Transformers, Reinforcement Learning]
- Designed and taught an undergrad-level, semester-long, deep learning course with a team of 8.

Neural Network from Scratch [Python, NumPy]
- Built a fully-connected neural network from scratch using only NumPy to perform multi-class image classification.

SKILLS AND INTERESTS

- **Technical:** Python, Javascript, React, Django, Version Control, Linux, AWS, HTML/CSS, TensorFlow, Pytorch.
- **Design/People:** Product Design, Design Research, Mentorship, Business Acumen, Project Management.
- **Personal:** Calisthenics, content creation, and advising research papers