# 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

## 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

I might find it less appealing to deal with seemingly unpleasant but urgent tasks, such as getting rid of rats or fixing water leakage problems. While I am confident in my ability to navigate these kinds of situations with a calm and action-oriented manner, I can anticipate the urgency to be somewhat stressful when I know that the community is relying on me. At the same time, I recognize that this stress would be normal, and it can be useful in responding effectively to urgent tasks that affect other people.