Parinitha Ramesh Naidu

AI Engineer - Machine Learning | Computer Vision | Deep Learning | NLP | AI-Healthcare | Data Science

SC-TIL/1-5, Tilling Bourne House, Surrey Court, Guildford - GU2 7JW, England, United Kingdom.
+44 7341 658860 | parinitharamesh02@gmail.com | parinitha-cv.github.io

August 2023

Respected Sir/Madam,

I'm currently engrossed in pursuing my full-time Master's degree in Artificial Intelligence at the esteemed University of Surrey. I possess outstanding communication and presentation skills and a profound understanding of the Modern Machine Learning Pipeline. My journey has equipped me to gain expertise in Machine Learning, Computer Vision, Natural Language Processing, Data-driven Solutions, Generative AI, and Developing & Implementing cutting-edge AI models.

Passionate, hardworking, and highly motivated individual seeking opportunities to elevate my technical abilities and showcase my AI proficiency in leveraging transformative solutions. As a creative problem-solver, I continually explore avenues to optimize and streamline processes, demonstrating resilience and a keen eye for critically analyzing and improving AI model performance.

Innovation is ingrained in my mindset, and I have always been inquisitive and constantly upgrading my arsenal by learning new things, a quick learner with a desire to master emerging cutting-edge technologies and apply relevant ones to the benefit of the business. My adaptability and self-motivated nature foster seamless collaboration as an exceptional team player, enabling me to excel while working independently.

Seeking a career that demands a high level of theoretical and analytical proficiency, I am driven by the vision to translate theory from the lab to the marketplace. I hope to be the perfect fit for your organization and also bring a fresh perspective and deliver innovative solutions. Let's connect and explore how I can be a valuable asset. As an AI technology enthusiast seeking work with purpose, together we can drive remarkable advancements in the realm of AI.

I apply the same in my thought process because whether you're connecting with consumers or your team, you're connecting with the irrationality of their logic to bring ideas together, influence an outcome, and optimize and scale for future growth.

- I would love to align with teams in building world-class products.
- Taking up responsibilities and leadership roles thrives me.
- I am always open to ideas and enjoy speaking tech.
- I tell grand narratives that motivate with a pinch of humour and tons of sincerity.

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Artificial Intelligence Knowledge

Natural Language Processing: Transformer **|** Artificial Neural Networks **|** Deep NLP **|** Word Embedding **|** Language Models **|** Topic Modelling.

Generative AI: Fine-tuning and evaluating large language models **|** Reinforcement learning and LLM-powered applications**|** Generative AI with Large Language Models.

Advanced Topics in Computer Vision and Deep Learning: FCN, Stylization **|** Data Pre-processing and Augmentation **|** Feature Extraction and Model Architecture with ResNet Models and VIT **|** MLP and Common Layers **|** Pytorch Optimization (Criterion, Optimizer, Scheduler) **|** Neural Networks – ANN, CNN **|** Digital Image Warping, Filtering and Completion | Image Composting, Scale & Features.

Applied Machine Learning: Artificial Neural Networks (ANNs), Linear and Logistic Regression, MLP **|** Gradient Descent and Back Propagation **|** Convolutional Neural Networks, Applications of CNNs **|** Action Recognition and Learning from Fewer Labels **|** Attention and Transformers **|** Modern Universal Networks like Vision Transformers, etc. **|** Few-shot Learning, Meta Learning, Introduction to Graph Theory.

AI in Healthcare: Value-Based Healthcare **|** Understanding Research Questions and Designs and Several Data Sources **|** Medical Statistics and Linear Regression | Survival Analysis **|** Categorical Data Analysis and Logistic Regression | Clustering – AI Supervised and Unsupervised and Reinforcement Model Analysis.

For my ongoing and finished projects information please visit – parinitha-cv.github.io

Education

Masters in Artificial Intelligence   Feb.2023
University of Surrey, Guildford, UK

Bachelors in Computer Applications
M.S. Ramaiah College of Arts, Science, and Commerce   Sept. 2022
Bangalore, India

Mathematics, Physics, Chemistry, Biology
M.E.S. College of Arts, Science, and Commerce   Sept. 2019
Bangalore, India

Education Software / Coding Skills

⌁ **Python**	⌁ **PyCharm**	⌁ **Deep Learning**
⌁ **Pytorch**	⌁ **TensorFlow**	⌁ **Computer Vision**
⌁ **MATLAB**	⌁ **Keras**	⌁ **Libraries**
⌁ **Java**	⌁ **NLP**	⌁ **C++**

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Work Experience

iKEEP Placement   Aug. 2023
Compact Courses – SETsqaured – **Deloitte Funded Project**

iTEK - SETsquared Partnership
iKEEP Programme Intrapreneurial Training.   June. 2023
Internship project for **The Department of Surrey Police.**

Kenpro Learning, Bengaluru.   Sept.2020
Intern – Technical Coordinator
Communication and Technical Support.

Job Titles: AI Researcher / Programmer | Computer Vision Engineer | Machine Learning Engineer.

Location Types: On-site | Hybrid | Remote.

Locations (on-site): Surrey, Guildford, England, UK.

Locations (remote): London, England, UK.

Start Date: Immediately, I am actively applying.

Employment Types: Full-time| Part-time| Internship.

Thank you for your consideration,

Parinitha Ramesh Naidu