James Le

Developer Advocate | Machine Learning Researcher | Data Journalist
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LINKS

Portfolio : jameskle.com
Github : khanhnamle1994
LinkedIn : khanhnamle94
Twitter : @le_james94
Medium : James Le

SKILLS

PROGRAMMING

Python • R • C++ • SQL

LIBRARIES & TOOLS

Pandas • NumPy • Scikit-Learn
SciPy • Seaborn • Matplotlib
PyTorch • TensorFlow • Keras
Colab • Jupyter • Docker • Kubernetes
GCP • Azure • AWS

MEDIA

DATA NOTES

A Medium Publication (Link)
Series of blog posts on data science in academia and industry.

DATACAST

A Data Science Podcast (Link)
Conversations with founders, investors, and operators in the ML and data infrastructure ecosystem.

EDUCATION

ROCHESTER INSTITUTE OF TECHNOLOGY

MS in Computer Science
Graduated Dec 2020 | Rochester, NY

DENISON UNIVERSITY

BA in Communication
Minor in Computer Science
Graduated May 2017 | Granville, OH

COURSEWORK

Mathematics of Deep Learning
Pattern Recognition
Biologically Inspired Intelligent Systems
Introduction to Big Data
Deep Learning for Computer Vision
Algorithms and Data Structures
Foundations of Intelligent Systems

EXPERIENCE

SUPERB AI | Developer Relations and Partnerships Lead

March 2021 - January 2023 | San Mateo, CA (Company Website)

- Produced **technical content** to facilitate the understanding of Superb AI platform's capabilities by computer vision engineers and researchers.
- Led **partnerships** with AI Infrastructure Alliance partners on joint content and product integration (WhyLabs, Pachyderm, CometML, Arize AI, and NVIDIA).
- Evangelized the concept of DataOps for Computer Vision - which seeded the development of Superb AI's DataOps platform .
- Wrote technical whitepapers about data labeling, data management, and computer vision to support product and go-to-market teams with assets.
- Collaborated closely with the community manager to design a **community-led growth** strategy that supports bottom-up adoption of Superb AI's product.
- Spoke at **industry conferences and webinars** on Computer Vision and AI to effectively represent the Superb AI brand externally.

FULL STACK DEEP LEARNING | Machine Learning Evangelist

May 2020 - November 2022 | Berkeley, CA (Course Website)

- Wrote **in-depth notes** for the most recent course in September 2022 that that thousands of practitioners have read.
- Served as the **Head Teaching Assistant** for the course in March 2021.
- Launched an online version of the full-stack deep learning course in May 2020 that brings ML **from research into production** .

SNORKEL AI | Data Journalist

Sep 2020 - June 2021 | Palo Alto, CA (Company Website)

- Wrote copy for Snorkel's Solutions Page that showcases how Snorkel's tech powers AI-based solutions across industries and use cases.
- Wrote technical content on programmatic labeling and weak supervision that Snorkel uses to address the data labeling bottleneck of ML development.

AI SAFETY CAMP | Machine Learning Researcher

Jan 2021 – June 2021 | Remote (Research Summaries)

- Conducted research on technical AI alignment, which empirically demonstrates objective robustness failures in the deep reinforcement learning settings .

RESEARCH

NEURAL ADAPTIVE COMPUTING LAB | Graduate Researcher

Sep 2019 - Dec 2020 | Rochester, NY (Code | Blog)

- Developed 20+ **discriminative** and **generative** models in **PyTorch** to solve the **rating prediction** and **item ranking** tasks in recommendation systems.
- Led a team of 5 to write a survey on **meta-learning** from both the **statistical** and the **neuro-cognitive** perspectives (including active learning, multi-task learning, reinforcement learning, and continual learning).

PUBLICATIONS

[Le et al., 2020] Le, J., Mali, A., Vaidya, H., Peechatt, M., and Ororbia, A. (2020). Neural meta-learning: Perspectives from both statistical learning and neurocognition. Preprint.

[Le and Ororbia, 2020] Le, J. and Ororbia, A. (2020). Metarec: Meta-learning meets recommendation systems. Preprint.