

Harvey Dent

Machine Learning Engineer

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Professional Summary

Machine Learning Engineer with 5 years of experience in designing, building, and deploying predictive models and deep learning systems. Proficient in Python, TensorFlow, PyTorch, and Scikit-learn. Currently leading a team of AI engineers at OpenAI.

Skills

Python, R, TensorFlow, PyTorch, Scikit-learn, Keras, SQL, NoSQL, Git, Docker, Kubernetes, Agile and Scrum, Statistics, Data visualization, Deep Learning, Natural Language Processing

Experience

- 2021 – **Machine Learning Engineer**, *OpenAI*, San Francisco, USA
- Present Leading a team of AI engineers. Designed and implemented deep learning models for natural language processing tasks. Improved the efficiency of model training and data processing pipelines. Published several research papers in top-tier AI conferences.
- 2018 – 2021 **Data Scientist**, *Uber*, San Francisco, USA
- Developed and deployed machine learning models to improve the efficiency of ride allocation algorithms. Utilized TensorFlow and PyTorch for developing predictive models. Analyzed and visualized large data sets to drive business strategies.
- 2016 – 2018 **Junior Data Analyst**, *Facebook*, Menlo Park, USA
- Analyzed and visualized large datasets using Python and R. Assisted in the development of machine learning models for user behavior prediction. Conducted A/B testing and provided insights to the product team.

Education

- 2014 – 2016 **Master of Science in Computer Science, Specialization in AI**, *MIT*, Cambridge, USA
- 2010 – 2014 **Bachelor of Science in Computer Science**, *UC San Diego*, San Diego, USA

Projects

- 2021 – **Personal Project: Predictive Stock Trading Model**
- Present Developed a predictive stock trading model using deep learning and time series analysis. Used PyTorch for model development and Docker for deployment. The model predicts stock prices with a high degree of accuracy and automates trading decisions.