

Key Responsibilities

- Investigated, validated, and employed appropriate tools through considering hardware constraints, memory usage, and processing time.
- Studied, modified, and leveraged analytics prototypes to mitigate risks and solve various problems.
- Created methods and plans which detect drift and degradation.
- Broadened existing machine learning frameworks and libraries by constructing extensions and plugins, and adapt them to specific use cases.
- Spotted discrepancies in data distribution that might affect each LLMs efficacy when used in practical situations.
- Multi-tasked between up to five simultaneous projects delivered on a monthly basis.
- Exhibited a forward-thinking mind-set in interactions with team members and clients, while also assuming ownership of daily duties.

Key Achievements

- Boosted revenue by 20% as a result of embedding predictive models for personalised product recommendations.
- Lessened wastage by 15% through bolstering resource utilisation and executing dynamic scaling plans.
- Elevated CSAT scores by 15% through releasing sentiment analysis models to scrutinise customer feedback.

Jul 2016 - Jun 2019

Gensyn Global, New South Wales, AU
Junior Machine Learning Engineer

Outline

Collaborated with senior members to craft seamless product experiences with direct real-world applications, for a company with a network that unites all of the world's computer into a global machine learning super-cluster that is usable by anyone at any time.

Key Responsibilities

- Actively engaged in weekly discussions and brainstorming sessions.
- Helped articulate complex technical ideas and theories to a diverse range of individuals with clarity.
- Participated in all phases of the SDLC under supervision.
- Played a role in designing studies to assess and fine-tune NLP models, and ensure their accuracy, efficiency, and expandability.

Key Achievements

- Lowered time-to-insight for business stakeholders by 40% through accelerating data analysis workflows.
- Curtailed data pre-processing errors and anomalies by 25% due to refining quality procedures.

Jan 2014 - Jun 2016

Oakmont Consulting Ltd., New South Wales, AU
Machine Learning Graduate

EDUCATION

- **Ph.D. in Machine Learning** | UNSW Sydney | Jun 2022 - Jun 2025
- **MSc. in Machine Learning** | UNSW Sydney | Jun 2012 - Jun 2014
- **BSc. in Computer Science** | UNSW Sydney | Jun 2008 - Jun 2012

ADDITIONAL

Software

TensorFlow, PyTorch, spaCy, NumPy, Pandas, Jupyter Notebooks, Scikit-learn, Docker, Kubernetes, Hadoop/Spark & Git

Programming Languages

Python, SQL, R, Javascript, Java, C++, C