

Lang Cheng

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Profile

MSc Robotics student at the University of Manchester with a BEng in Computer Science and Technology from Beijing Institute of Technology, Zhuhai. Experience as an AI Product Intern applying Python, prompt engineering and data-driven product iteration.

Education

University of Manchester — MSc, Robotics 2025.9 - Present

Beijing Institute of Technology, Zhuhai — BEng, Computer Science and Technology 2021.9 - 2025.6

Work Experience

Zhuhai Hengqin Boyi Data Technology Co., Ltd — AI Product Intern · Mar 2025 - Jun 2025 · Zhuhai, China

- Cleaned and processed structured and unstructured data using Python (pandas); built pipelines for text and usage logs.
- Assisted product team with requirement analysis, feature design and end-to-end implementation from collection to deployment.
- Applied prompt engineering and iterated generative product prompts to improve response quality and UX.
- Collected user feedback and usage metrics; performed basic analyses and recommended optimisations.

Research & Projects

Relevant project work:

- Undergraduate Thesis: LSA topic modelling + SNA on large Reddit comment corpora; produced topic summaries and network centrality visualisations.
- Coursework / personal experiments: Implemented PyTorch prototypes for simple CNN adaptation tasks; created reproducible experiment configs (YAML) and README-guided reproducible runs.

Technical Skills

Programming: Python (pandas, NumPy), basic PyTorch experience, Matlab, Git workflows.

ML / NLP: Topic modelling (LSA), prompt engineering, transformer familiarity.

Embodied & Tools: Familiarity with ROS concepts and simulators (MuJoCo) — quick to pick up; experiment configs (YAML/JSON).

Analysis & Reproducibility: Data cleaning, plotting for evaluation, maintaining reproducible pipelines;

Communication: English & Cantonese.