

# CP (Chris) Doyle

[cpdoyle.me](http://cpdoyle.me)   [christopherdoyle967@gmail.com](mailto:christopherdoyle967@gmail.com)   London, UK

Proven track record of productionising frontier LLM research at enterprise scale; built and currently lead Anterior's applied AI research team as hands-on technical lead (backed by Sequioia Capital). Full-stack engineer proficient from TypeScript front-end to modern terraform infrastructure-as-code. Diverse career spanning postgraduate student/researcher in the early days of the transformer architecture, large enterprise employee, co-founder, and early stage startup → scaleup employee.

## Professional Experience

---

### Senior Member of Technical Staff

April 2024 - Present

*Technical Team Lead, Anterior [Pre-seed → B, Sequioia Capital]*

*London, UK*

- Led Anterior's Inference Engine project for processing 10k model requests in a spike should OpenAI or Anthropic fail (up to 1B tok/hour hosting deepseek-r1:31b).
- Hired Anterior's decorated applied research team and am responsible for team direction, execution, and career development (closed applicants with competing Deepmind and Nvidia offers).
- Implemented workflows engine for templating and processing LLM tasks asynchronously at scale.
- Built the evaluation pipeline for evaluating model or prompt changes, integrating these evals into CI/CD for safe code and model deployment.
- Deployed various LLM-wrangling techniques to production, see my [website's](#) blog for some learnings.
- Stack: vLLM (model serving), hugging face (model versioning), sky pilot (model orchestration), terraform, Typscript, python (pydantic / django / prefect / pytorch / openai / anthropic / pytest).

### Technical Founder's Associate

Feb 2022 - March 2024

*ML and Fullstack Generalist, Robin AI [Pre-seed → B, Temasek]*

*London, UK*

- Founded, structured, empowered, and handed-over the legal-engineering team to evaluate internal model performance while dog-fooding to 50+ internal lawyers.
- Product manager (PM) and fullstack developer on Robin's growth hacking game that challenged lawyers to compete against Robin and was played over 3k times when released.
- PM and fullstack developer on the internal portal for reporting bugs uncovered while dog-fooding.
- Led initial LLM efforts for legal document parsing in collaboration with the ML research team.
- Identified and resolved critical bug in how Robin rendered legal edits, resulting in a drastic increase in lawyer acceptance rate (40% → 80+%) without any ML model changes.
- On the softer-skills side, I was employee number 14 and the last person to know everybody at Robin (120+ at the time), scheduling time with every new joiner to empower their context.

### AI Scientist (Healthcare Underwriting)

July 2021 - Feb 2022

*Hannover RE Ireland [MCap \$33B, 4,000 employees]*

*Dublin, Ireland*

- Led a comprehensive NLP training program that upskilled 4 team members to production-level ML competency in 8 weeks
- Lead ML developer on a system that removed all PII from patient records, ensuring GDPR compliance. Transformer based architecture hosted on a GPU-enabled server in EC2 (modern frameworks didn't exist at the time).

**Founder and Founding Fullstack/ML Engineer***Hosted ML models before frameworks, Tiro AI*

March 2020 - March 2021

*Edinburgh, UK*

- Successfully built an AI assistant that summarised Zoom meetings, assigned actions to users in real time via voice commands, and sent follow-up emails to all participants.
- Built infrastructure for serving large (at the time) models via torch-serve and GCP.
- Won places in the Edinburgh Innovations and Converge Challenge accelerators.
- Stack: GCP (Cloud Functions, Compute Engine, CloudSQL, App Engine, Cloud Tasks, Cloud Scheduler), NLP, and Python (Django, PyTorch, HuggingFace)

**Research Assistant / Postgraduate Tutor***University of Edinburgh*

Jan 2020 - July 2021

*Edinburgh, UK*

- Research Assistant in transformer-based dialogue summarisation under Prof. Shay Cohen
- Research Assistant in Bayesian Statistical Modelling under Prof. Andrew Sherlock
- Postgraduate Tutor for Accelerated Natural Language Processing (PhD and MSc Students)
- Postgraduate Tutor for Reinforcement Learning (PhD and MSc Students)

**Education**

---

**MSc, Artificial Intelligence (Distinction)***The University of Edinburgh*

2019 - 2020

*Edinburgh, UK***B.Eng, Computer and Electronic Engineering (1st, Valedictorian)***Trinity College Dublin*

2015 - 2019

*Dublin, Ireland***Selected Publications & Contributions**

---

- Early HuggingFace contributor
  - Various forum contributions concerning sequence level and reinforcement-learning objectives ([here](#) or [here](#)) or speeding up evaluation [here](#).
  - Identified critical beam search implementation bug affecting thousands of downstream models. See [here](#) and [here](#).
- "Variational Policy Chaining for Real World Reinforcement Learning" - ICTAI 2019