

Dylan Cavers

MACHINE LEARNING ENGINEER · SOFTWARE DEVELOPER

London, United Kingdom

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Summary

Software Engineer with experience across a variety of domains and roles, specializing in backend engineering and machine learning engineering. Passionate engineer who enjoys building and learning about technology, both in and out of work.

Experience working with both world-class engineers and academics through an undergraduate degree, software engineering roles, and extracurricular activities. Fast-learning and adaptable, with sharpened technical and soft skills developed through excellent experience.

Education

The University of Edinburgh

Edinburgh, United Kingdom

BSc (HONS) ARTIFICIAL INTELLIGENCE AND COMPUTER SCIENCE

Sep. 2021 - May 2025

- Achieved a First Class with Honours. Completed a wide variety of courses across computer science, mathematics, and machine learning. Received a First in the Dissertation ("Temporal Representation Learning in LLMs").
- Software Engineer in HypEd, the universities' hyperloop society.

North Berwick High School

North Berwick, United Kingdom

NATIONAL 5, HIGHER, AND ADVANCED HIGHER

Aug. 2015 - May 2021

- National 5 - AAAAAA | Higher - AAAAA | Advanced Higher - AAAA

Experience

Meta

London, United Kingdom

SOFTWARE ENGINEER

Aug. 2025 - Present

- Experience within Network Infrastructure dealing with a variety of automation tooling across different network domains. Built systems at scale to automate network operations.
- On-call engineer responsible for a number of different critical systems. Experience in incident response and working in high-stress situations.
- Presented my work for internal initiatives to a wide audience within the Network Infrastructure Org. Authored technical reports and presented them in Org-level SEV Reviews / Incident Retrospectives.

Barclays

Glasgow, United Kingdom

TECHNOLOGY DEVELOPER INTERNSHIP

Jun. 2024 - Aug. 2024

- Implemented and trained a neural network to make revenue predictions to allow the teams using the data integration framework to make their own predictions. Deployed the model within the Oracle Enterprise Performance Management system.
- Designed and developed a command line tool to assist developers in searching and finding Docker images in the internal repositories.
- One of the first (including non-interns) to make contributions to inner source tools within Barclays.

Codeplay Software

Edinburgh, United Kingdom

SOFTWARE ENGINEER INTERNSHIP

Jun. 2023 - Aug. 2023

- Researched the failure behaviour of SYCL framework and implemented a test suite to categorise these failures as part of the development of SYCL SC, a safety critical version of SYCL targeted at automotive and aerospace industries.
- Interacted with industry experts through Khronos Group, participating in SYCL SC Working Group weekly meetings. This involved consulting with other companies to define what is needed from SYCL SC.
- Wrote a blog post about my work which was published in the Khronos Group monthly newsletter.

Skills

Programming Python, C++, Java, Rust, C, Haskell, Latex, R, Shell, Git, Docker, RPC

ML and Data Science TensorFlow, PyTorch, Sci-kit Learn, Jax, Pandas, Kedro, SYCL

Soft Skills Communication, Leadership, Teamwork, Logical Reasoning, Imagination, Professionalism

Extracurricular

Outside of work and university, I enjoy to code and problem solve in my spare time. This includes challenges such as LeetCode and Advent of Code, Hackathons such as HackTheBurgh, and various projects including ray-tracing in C++ and writing machine learning models from scratch.

I spend most of my free time outdoors and exercising. Whether I am surfing, climbing, hiking, or playing tennis, I try my best to get the most out of my free time. I also love travelling and experiencing different cultures.