

Matthew Mckee

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[LinkedIn](#) | [GitHub](#) | [Portfolio Website](#)

Experience

Human Data Team Lead | xAI

April 2026 - Present

- Managed hundreds of tutors supporting evaluations of state-of-the-art coding models.
- Built an internal platform for measuring and tracking tutor quality and throughput.
- Helped define operational workflows for reviewing tutor performance and improving evaluation quality.

Software Engineer Specialist | xAI

January 2026 - April 2026

- Designed and built evaluations for state-of-the-art coding models.
- Created coding tasks and rubrics to measure model performance on realistic software engineering workflows.

Software Engineer Intern | JP Morgan

June 2025 - September 2025

- Worked on type checking and developer tools for a large internal codebase.
- Improved developer experience and efficiency for over **4000** developers.

Software Engineer Intern | GDSFactory

February 2025 - January 2026

- Became a core maintainer of a library with over **4 million downloads**.
- Helped develop several closed-source customer applications.

Software Engineer | Sivers Photonics

July 2022 - Present

- Developed full-stack CAD automation software for advanced DFB laser design.
 - Built internal software reducing product design timelines by over **50%**, improving efficiency and customer satisfaction.
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Open Source / Projects

Over **4000** GitHub contributions in the past year, focused on Python and Rust developer tooling.

ty | Astral's Python Type Checker and Language Server | [GitHub](#)

February 2025 - Present

- **Top open-source contributor** to Astral's Python type checker and language server, written in Rust.

Karva | Python Test Framework, Written in Rust | [GitHub](#)

May 2025 - Present

- Created an extremely fast Python test framework, similar to pytest, written in Rust.
- Built the core test discovery and execution engine with a focus on low-latency feedback for Python developers.

Seal | Release Management Tool, Written in Rust | [GitHub](#)

May 2025 - Present

- Created an extremely fast release management tool, written in Rust.
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Education

University of Glasgow

2022 - 2026

Bachelor of Science in Computing Science and Mathematics

- Dougall Prize for 3rd year Mathematics

Jordanhill School

2016 - 2022

- AAAB at Advanced Higher
 - AAAAA at Higher
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Technical Skills

Rust, Python, Type Checking, Language Server, React, TypeScript, Docker, nginx, linux, vim.