Mercer Chen

`chen.mercer@gmail.com`
`https://mercerchen.com`

Employment

2024   *Microsoft GenAI*

Research Software Engineer II, Jan. 2024 - present.

- Founding member of the GenAI team. Working on developing small language models (Phi-3 series), and scaling their capabilities.
- Collaborating closely with OpenAI on model evaluation and human data.
- Continue to mid-train/post-train OpenAI and open-source models for downstream customers with specific product need, such as GitHub Next.
- Continue to build tooling for model evaluation and data automation, supporting our pre-training and post-training efforts.

2021   *Microsoft Azure AI Platform*

Research Software Engineer II, Aug. 2023 - Jan. 2024.
Data & Applied Scientist, Jun. 2021 - Aug. 2023.

- Member of AI Platform's science team on Copilot, Azure OpenAI, and Microsoft - OpenAI collaboration. Worked on applied research and ML engineering tasks for large language/multimodal models.
- Closely involved in the early internal evaluation of GPT-3, GPT-3.5 and later GPT-4.
- Integral to the initial design, prototype, and later scaling of the first internal automated model evaluation platform, from the evaluation pipeline to a full-stack web app for result visualization and comparisons.
- Our evaluation platform has been used to gate the release of OpenAI and Microsoft Research models before they enter the Microsoft ecosystem.

2020   *Microsoft Azure AI Platform*

Software Engineer Intern, May. 2020 - Aug. 2020.

2019   *Microsoft Outlook Group*

Explorer (Software Engineer & Program Manager Intern), May. 2019 - Aug. 2019.

Talks

Mar 2024   Talk, Microsoft Research workshop on Evaluating AI Models and Systems.
Dec 2023   Talk, Microsoft Machine Learning, AI and Data Science Conference.
Apr 2022   Tutorial, Microsoft Machine Learning, AI and Data Science Conference.

Education

2018   *Washington University in St. Louis*

Bachelor of Science, *Computer Science, Statistics*, Aug. 2018 - May. 2021.