

emma brown

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work experience

2025 - present

[Program Tech Lead](#) @ [Distyl.ai](#), [San Francisco](#)

- ★ Promoted **twice in nine months** and now lead a **30-person forward-deployed org** running one of the largest CX deployments in production nationwide (**100k daily conversations**) while **reporting directly to the COO**
- ★ **Own the team's product roadmap**, working to deliver outcomes as well as **incubate product insights from the front lines**, then graduating them to platform primitives used by the rest of the org
- ★ Chartered the **two most ambitious internal product features** shipped to prod at the company (**evals rewrite & embedded agent**) by cross-functional teams, defending their resources against client delivery pressure without sacrificing customer outcomes
- ★ Solo shipped a **new voice architecture** that proved a novel interaction pattern on billing, the **project's highest-traffic surface** (adoption beat projections and spun up a company-wide initiative at the client)
- ★ Rewrote the program's **entire operating model from scratch** - DRI ownership, staffing, and metric-driven definitions of done (adopted internally as the model for **how 10+ person teams operate**)

2024 - 2025

[AI Engineer](#) @ [Opponent Systems](#), [New York, USA](#)

- ★ Developed a real-time audiovisual agent with neuro-symbolic memory using [MeTTa](#), Weaviate, OpenCV, PyTorch, FastText, & S-BERT

2021 - 2023

[Software Engineer II](#) @ [Air](#), [Brooklyn, USA](#)

- ★ Drove backend development (**Node.js**, **TypeScript**) and infrastructure optimization for a digital asset management platform
- ★ Led a zero-downtime database migration to flatten asset and board hierarchies, successfully enabling Kanban view functionality

2019 - 2021

[Software Engineer](#) @ [The Wall Street Journal](#), [New York, USA](#)

- ★ Solo designed & led development of a full-stack app used daily by newsroom coverage chiefs for years after I left with **SQL**, **Flask**, **DynamoDB**, & **SQS**

2017 - 2019

[Data Analyst](#) @ [Schireson Associates](#), [New York, USA](#)

- ★ Machine learning application for targeted advertising (**SQL** & **Python**)

education

2023 - 2025

University of California, Santa Barbara, USA
MS Media Art & Technology

2013 - 2017

The University of Edinburgh, UK
Scottish Master of Arts (Honours) Economics

skills

[MeTTa/OpenCog](#), TypeScript, [Node.js](#), Python, C#, SQL, R, Unreal Engine, Unity3D
freediving, inline skating, guqin