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Ari Zerner

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Work Experience

Software Engineer (Contract)	Sentinel	Feb 2025
<ul style="list-style-type: none">Developed an AI wargaming engine and other prompting frameworks in TypeScript to forecast global risk		
Software Engineer	OneStudyTeam	Oct 2021–Dec 2022
<ul style="list-style-type: none">Collaborated to architect and implement asynchronous data transfer infrastructure using AWS and Kafka in Clojure, enabling a company-wide transition from a legacy monolithic to a maintainable microservices architectureDeveloped REST APIs and single sign-on in a mature Clojure codebase to create a convenient user experience		
Software Engineer	Conexus	Aug 2019–Sep 2021
<ul style="list-style-type: none">Led a team with one other engineer to translate a 15000-line codebase from OCaml to JavaWrote Java code to parse SQL queries into our purpose-built data migration language, CQL		
SWE Internships	Charles River Development, M.Gemi, Convergence	2014–2018
<ul style="list-style-type: none">Developed parsing logic in Java and presented on Clojure for my team's education (Charles River Development)Automated testing for an e-commerce website using Mocha/Chai (M.Gemi)Built a tool to automate 90% of a data aggregation process and trained two temp workers to use it (Convergence)		

Skills

- Languages: Python, Clojure, TypeScript, Haskell, Java, C#/.NET, C
- Technologies: LLM usage, SQL, Bash/Zsh, Git, AWS, HTML, Flask, MongoDB
- Other: REST APIs, parsing, unit testing, Spanish (conversational), being fun to work with

Education

- M.S. Computer Science**, Rochester Institute of Technology **2018–2019**
- B.S. Computer Science & Economics**, Rochester Institute of Technology **2015–2019**

Independent Projects

- [JournalLM](#): Get personalized insights from Claude based on a DayOne journal (**Python**, **Anthropic API**)
- [Deck Advisor](#): Use LLMs to get deckbuilding advice for Magic: the Gathering (**Python**, **OpenAI API**, **Flask**)
- [Secret Market](#): Create private Manifold markets with cryptography (**TypeScript**, **Next.js**, **HTML**, **MongoDB**)
- [Spogitify](#): Archive Spotify playlists to GitHub, tracking changes over time (**Python**, **Flask**, **Git**, **MongoDB**)

Certifications

- [Foundational C# with Microsoft](#) (March 1, 2025)

Read More

- What my past teammates say about me: <https://www.linkedin.com/in/ari-zerner/details/recommendations>
- My blog post exploring my career values, strengths, and weaknesses: arizerner.com/posts/my-career-values/