

Jaegun Song

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Education

University of Michigan, Ann Arbor

B.S. in Data Science, B.S. in Computer Science (Expected May 2027)

- EECS 183 Showcase Grand Prize Winner (streaming video to an Arduino)

Experience

Data Science Intern, Enveda Biosciences / True Ventures Fellow

May 2025 – Aug 2025

- Coauthored a paper on leveraging molecular network for NMR spectral annotation
- Built a Discord–Slack bridge for True Ventures' 190+ member AI Founders network, improving cross-platform collaboration

Programmer, University of Michigan School of Information

Sep 2024 – May 2025

- Developed a plugin integrating U-M Maizey into Google Sheets
- Migrated legacy research dashboards to Fly.io, reducing deployment time and dependency overhead

Intern, U-M Information & Technology Services (Emerging Technologies Group)

May 2024 – Aug 2024

- Built gotocollege.umich.edu, leveraging agentic AI to match students with 5M+ scholarships
- Developed a chatbot for the Project Management Office
- Designed and deployed RAG utilities that improved Maizey document recall from 74% → 86%

Administrative Assistant, Songbird Café

Sep 2021 – Dec 2023

- Automated inventory, payroll, and invoice workflows using Python and Sheets, reducing admin time by 85%

Skills

Languages: Python, C++, R, TypeScript, Node.js, SQL

Frameworks / Tools: PyTorch, scikit-learn, Neo4j, PostgreSQL, React

Domains: Data Analysis, Machine Learning, Web Development, Agentic AI

Other: Michigan Seal of Biliteracy (Spanish); Spreadsheets

Projects

Formulary — Python, Playwright, resolvelib

Package manager for Google Sheets enabling modular formula workflows with dependency resolution and reproducible builds.

Agentic Maizey — Python, RAG, AI Agents

Built a fully autonomous Maizey framework supporting tool use and cross-agent consultation without LangChain.

Anduin — Google Sheets, Functional Programming

Implements Clojure-style records and protocols using formulas to introduce OOP abstractions into Sheets.

Brickwise — Genetic Algorithms, Multimodal AI

Generated Lego models from text/image prompts using genetic algorithms and mesh processing.

3rd Place, Silicon Flatirons 2025.

astral.lol — Google Sheets Metaprogramming

Portfolio of spreadsheet experiments (esolang interpreters, bug hunts, games) written entirely in formulas, no Apps Script.

Miscellaneous

- 2450+ Lichess rating; once beat a grandmaster with the Bongcloud
- *Advent of Code 2023 (Google Sheets)* — #1 Spreadsheet user globally
- Admin of a Discord community with 4k+ spreadsheet enthusiasts
- Election Worker, City of Ann Arbor (2022)