Nathan S. Shin

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EDUCATION

University of Illinois at Urbana-Champaign   **Champaign, Illinois**
B.S. in Computer Engineering   *August 2021 - May 2025*

- o   **Concentration:** Software Engineering
- o   **GPA:** 3.50/4.00
- o   **Related Coursework:** Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Machine Learning, Artificial Intelligence, Object-Oriented Programming, FPGA Engineering

SKILLS

Programming: Python, JavaScript, HTML/CSS, SQL, Node.js, React.js, MATLAB, C++, C, Java
Tools: AWS, Git, GCP, Flask, Tableau, Android Studio, MS Excel, Vivado & Vitis, Unreal Engine
Certifications: AWS Certified Cloud Practitioner, Model Validation 2 - Expert

PROJECTS

Smart Stock   **Tinley Park, Illinois**
Lead Developer   *August 2025 – September 2025*

- ●   Created a web app that displays interactive closing price data in graph form for stocks using the yfinance API to retrieve data.
- ●   Compares changes in prices among multiple stocks and features a chatbot that helps generate insight on stock performance and speculative predictions. Built using Flask, HTML/CSS, and JavaScript.

The Tokenizer   **Champaign, Illinois**
Team Member   *September 2024 – December 2024*

- ●   Developed a hardware device that displays tokens for the game *Magic The Gathering* using an Android application to transfer data via USB.
- ●   Contributed to the design of the companion app created with Android Studio using Java and xml to retrieve data from the online API Scryfall that becomes uploaded to the device.

Buzzworthy Cinema Guide   **Champaign, Illinois**
Team Member   *October 2023– December 2023*

- ●   Deployed a web app using Flask that looks up iMDB Titles and shows associated trending YouTube videos, with the databases being stored in Cloud SQL (GCP), each with over 5 million entries.
- ●   Utilized Python for backend server logic, HTML & CSS for the web layout, and SQL queries to find 30 of the most relevant YouTube videos for a searched iMDB Title.

EXPERIENCE

Handshake MOVE   **San Francisco, California**
AI Researcher   *June 2025 - Present*

- ●   Contributed to over six different projects for various clients, with the aim of improving AI abilities in processing information, generating media, and performing actionable tasks. .
- ●   Developed and evaluated domain-specific prompts to assess the performance of large language models (LLMs) to create responses with scientific accuracy, clarity, and depth in specialized subfields

Shay Enterprises Inc.   **Champaign, Illinois**
Data Analytics Intern   *May 2022 - August 2022*

- ●   Managed records of personal spendings, business transactions, and subscriptions using MS Excel**,** improving financial reporting accuracy and efficiency.