

# Shaun Ahuja

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## EDUCATION

### University of Western Ontario

London, ON, Canada

*Honors in Computer Science (HBCS.)*

*Expected April 2026*

- **GPA:** 3.9/4.0 (88%), *Dean's Honour List*
- **Awards:** Wealthsimple Technology Consulting Competition - Best Mockup, Western Scholarship of Distinction (\$3,500), Schulich Leader Scholarship Nominee (\$100,000)
- **Relevant Coursework:** Data Structures & Algorithms, Matrix Algebra, Data Management (SQL)

## TECHNICAL SKILLS

**Languages:** Python, C, C++, Java, JavaScript, SQL, HTML/CSS

**Frameworks:** React.js, Node.js, MongoDB

**Developer Tools:** Git, GitHub, Linux, BitBucket, Jira, Asana, pandas, NumPy, AWS

## EXPERIENCE

### Meta

(Incoming) May 2025 - August 2025

*Software Engineer Intern*

*New York, NY, USA*

- Incoming Software Engineer Intern at Meta for Summer 2025.

### Sun Life Financial

May 2024 - August 2024

*Software Engineer Intern*

*Toronto, ON, Canada*

- Built a **full-stack querying application** within **Adobe Experience Manager**, using **Java** and **SQL** to search and retrieve content paths from **millions** of content fragments, and implemented functionality to export results into Excel format
- **Improved code coverage** by over 60% by creating and running over **50 JUnit test cases** using **WCM.IO Framework**.
- Created **technical documentation** in **Confluence** for the local dev environment setup, reducing onboarding by 4+ days.

### SharpStakes

Jan 2024 - April 2024

*Software Engineer Intern*

*Toronto, ON, Canada*

- Used the **Discord API** and **Python** to develop interactive discord bots to perform calculations for Gen Z sports bettors.
- Developed a robust **odds conversion engine** and a **dynamic hedging algorithm**, using complex financial formulas and **error handling** mechanisms to enable **calculated risk management** and **profit maximization** under fluctuating odds.
- Engineered the deployment and continuous operation of the bots by setting up a virtual environment on an **EC2 instance** using **Amazon Web Services (AWS)**, while optimizing settings for cost-efficiency and scalability for **+5,000 users**.
- **Worked 20-40 hours/week at this internship** while taking a full 5.0 course load and **obtained an average of 88%**

### Good News Ventures

September 2023 - December 2023

*Intern Analyst*

*Toronto, ON, Canada*

- Supported 7 investment deals (\$10M-\$100M market cap), working with **YC founders** ex **Goldman Sachs**, **Google**, etc.
- Evaluated **+200** startups, conducting in-depth due diligence and market research for deal flow.
- **Integrated** collaboration and CRM software to automate operations within the firm, increasing analyst efficiency by **8%**.
- **Worked 20-40 hours/week at this internship** while taking a full 5.0 course load and **obtained an average of 90.4%**

### Hoskin Capital Wealth Management

May 2023 - July 2023

*Prompt Engineering Intern*

*Denver, CO, USA*

- Collaborated with a multidisciplinary team of engineers to **design, test, and implement prompts**, resulting in a **20% reduction** in production time for a key marketing process and increasing outreach by over 26%
- Conducted thorough research, collected data from multiple sources, and analyzed technical specifications, contributing to the successful **completion of a complex engineering project ahead of schedule by 10%**.

## PROJECTS

### PBMify 🎨 | React, Node.js, Express.js, Firebase

- Full-stack application that turns any image into a paint-by-number image using pixel bit manipulation and segmentation.
- Implemented algorithms to take input image and extract the colour palette, smoothen the image, and calculate grid locations
- Created a **RESTful API** backend with **Express.js** to store user images and friends list in **Firebase**, tested with **Postman**

### AI Image Generator 🖼️ | React, Node.js, MongoDB, Express, Tailwind CSS

- Built a **full-stack MERN** application using **OpenAI's DALL-E API** that generates images from textual prompts.
- Designed a seamless and responsive user interface for the image generation app using **React** and **TailwindCSS**.

### Spotify Recommendation System 🎵 | Python, Spotipy, Scikit-learn, Plotly, Datapane

- Developed a Spotify recommender in Python using **Spotipy** and **scikit-learn's KMeans** for personalized song suggestions

## INTERESTS & ACTIVITIES

**Interests:** Golf, Cars, Penny Stocks, Professional Dancing (Bollywood, Ballet, Contemporary), Swimming, NHL, Chess

**Clubs:** Western Founders Network - Software Engineer, Western Indo-Canadian Students Association - Director of Finance