

# SULEIMAN NAJIM

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## Education

### University of Toronto

*Bachelor of Applied Science and Engineering – Computer Engineering (with PEY-Coop)*

Sep. 2020 – May 2024

Toronto, Canada

## Experience

### Replicant

*Software Engineering and Product Design Intern*

May 2023 – May 2024

San Francisco, California, US

- Part of the **Thinking Machine** team and developed **AI call centers** for clients like **Doordash, AAA, and Orkin**.
- Integrated **LLMs** and other **AI services** into our clients' bots using **TypeScript** and **JavaScript**.
- Leveraged **Agile and Scrum** methodologies to enhance collaboration, **sprint planning**, and execution across projects
- Partnered with **product manager** to design bot **architecture using Lucid Chart** and other design tools
- Worked hand-in-hand with **ML teams** to refine bot **intent recognition and user sentiment** analysis during calls.
- Managed **SMIL** client project, efficiently transforming SOW into actionable tasks and maintaining regular **client meetings** to align with **project requirements**

### Next36 Entrepreneur - SkmAI

*Founder and CEO*

Dec 2023 – Present

Toronto, Canada

- Spearheaded the completion of the MVP, ensuring optimal functionality and user experience.
- Reaching out to **potential clients** and expanding our outreach. Got into the prestigious **Next 36** program.
- Grew our chrome extension to **800 daily active users** and 3 paying customers.
- Constantly iterating and innovating our **AI-powered Multimodal and Multilingual** Search capabilities, setting Skm apart in the search industry.

### Rocscience

*Software Developer Intern (Coop)*

May 2022 – August 2022

Toronto, Canada

- Developed a complete database system using **Django, MongoDB** and **AWS** for **Rocplane**, their best-selling software.
- Implemented a **jQuery** plugin using **ChartJS** library to allow clients to visualize their data on charts and graphs.
- Wrote a complex **JSONtoDXF** script making it possible to display **2D/3D geotechnical models** on **AutoCAD**.
- Connected Rocplane's **ReactJS** front-end and **MongoDB** using a **Django API** to **pass/store** input JSON data.
- Led a team of 4 and **won a companywide hackathon** in developing HoloLens application using **C#** and **Unity**.

### InternZ

*Founder*

Jan 2024 – Present

Toronto, Canada

- Grew a community of **3000+** members in less than a month to help students land internships and build their networks.
- Adding new features like **1-on-1 interview practice, referral options and personalized resume support** for potential **paid** members
- Adding a **newsletters** and **social media profile** to turn **InternZ** into a global brand for college students and beyond

## Projects

**Odin (Startup)** | *Python, OpenCV, Web Scraping*

Aug - Sep 2022

- Developing an **AI search tool** allowing users to seamlessly find the **source of short form clips** on social media.
- Applying a new **untapped technological concept** called **Reverse Video Search** to make Odin a reality.
- Developed the main **prototype** using **SerpApi, Flask, and Firebase** which we tested with 40-50 students.

**Apparelo** | *PyTorch, Numpy, Res50, AlexNet, BeautifulSoup*

July - Aug 2022

- Developed an open-source ML apparel recognizer with 97% accuracy using **AlexNet** for a University project.
- Trained the model using **CNNs, AlexNets, and Res50** implementations and compared the accuracy of each model.
- Scraped thousands of training data from various eCommerce stores like Amazon and Myers using BeautifulSoup.

**Mapster** | *C++, Glade*

Jan-Apr 2022

- Implemented a **GIS Mapper** like **Google Maps** and Ways for our University project.
- Used algorithms like **Greedy Search and Dijkstra** we were able to evaluate the shortest path between 2 set locations.
- Utilized **Multi-threading** to ensure our performance was not significantly affected when loading large maps like Tokyo.

## Technical Skills

**Programming Languages:** Python, C++, JavaScript, C#, SQL, C, HTML/CSS, Verilog Swift, Kotlin.

**Frameworks:** LLMS, Django, Agile, Scrum, REST APIs, ReactJS, PyGame, Bootstrap, Numpy, Pandas, OpenCV, Flask.

**Tools:** AWS, Azure, Firebase, Selenium, Docker, Heroku, TensorFlow, Git.

**Data Technologies:** PowerBI, Tableau, Azure (HDInsight, Databricks, Data Lake, Data Warehouse), SQLite, MYSQL.

**Certifications:** AWS Cloud Practitioner, Microsoft Azure Fundamentals, Stanford Machine Learning.

**Languages:** English, Arabic.