

# Michael Kleiman

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## EDUCATION

### Seneca Polytechnic

*Honours Bachelor of Technology, Software Development*

Toronto, ON

September 2022 – Present

## EXPERIENCE

### I.T Intern

*Supernova Technology*

May 2024 – Aug. 2024

Toronto, ON

- Assisted senior developers with debugging Node.js scripts and SQL queries, contributing to a 15% reduction in report generation time for internal dashboards.
- Standardized internal scheduling templates and automation scripts used by 15+ employees company-wide, streamlining recurring meeting logistics.

## PROJECTS

### Matchify - AI Powered Resumé Matching System | *Python, Roboflow Embeddings, Custom ML* Dec. 2025

- Collaborated within a 3-member team to build an AI system that analyzes resumés and job descriptions using embeddings and similarity scoring to generate objective match rankings.
- Developed modular Python pipelines for anonymization, text preprocessing, embedding generation, and ranking logic, enabling accurate skill-to-requirement matching and clean end-to-end automation.
- Built an evaluation pipeline using cosine-similarity benchmarks and manual test cases to validate ranking accuracy, improving match consistency and reducing false-positive pairings.

### Capstone Project | *React, Node.js, Express, MongoDB, Roboflow ML Kit* Nov. 2025

- Cooperated with a 3-member development team to build an AI-powered food recognition platform allowing users to scan food images and retrieve nutritional and allergen data in real time.
- Designed and deployed RESTful APIs that connect ML-based image classification with a MongoDB database for structured ingredient tracking.
- Deployed via Node/Express with Vercel integration, ensuring scalable backend performance and reliable user data processing.

### Personal Porfolio Website | *JavaScript, React, Framer Motion, Tailwind CSS, HTML* Sept. 2025

- Designed and developed a responsive portfolio website using React and Tailwind, improving accessibility and load performance across all devices.
- Implemented dynamic animations with Framer Motion to enhance engagement and reduce bounce rate through smoother visual flow.
- Deployed on Vercel with automated GitHub CI/CD pipelines, ensuring continuous updates and consistent uptime for public access.

## TECHNICAL SKILLS

**Languages:** JavaScript, HTML, CSS, Java, Python, C, C++, C#

**Frameworks & Libraries:** React, Node, Tailwind CSS, Flask, JSON, Swift, pandas, NumPy, Matplotlib

**Concepts:** REST APIs, UI/UX Design, A/B Testing, Debugging, Dependency Management

**Developer Tools:** Git, GitHub, Docker, Figma, PyCharm, IntelliJ, Jira, Xcode, VMC, bash, PuTTY

**Technologies:** MongoDB, SQL, MS SQL, Oracle, ETL, Data, Support, GPT

## EXTRA CURRICULARS

### Vice President

*AI Seneca*

Toronto, ON

Jan. 2025 – Present

- Set goals for growth by expanding project participation, increasing interdisciplinary engagement, and securing external partnerships.
- Foster a learning ecosystem through mentorship, technical initiatives, and events that empower students to apply AI tools to real-world problems.