Jace Mu

+1 (437) 261-7822 | jace.zkm@gmail.com | linkedin.com/in/jace-mu | jacemu.vercel.app | https://github.com/enxilium

Education

Honours Bachelor of Science, University of Toronto — Toronto, ON
Computer Science Major; Statistics and Mathematics Minors; GPA: 4.00/4.00 — *May 2027*
Relevant Coursework: *Enriched Theory of Computation, Data Structures & Algorithms, Software Design*

Technical Skills

Languages: Python, C#, C++, C, Ruby, Java, SQL, R, JavaScript, TypeScript, HTML/CSS, Golang, Lua, Rust
Frameworks: React Native, Next.js, .NET, WPF, Tailwind CSS, Django, Flask, Ruby on Rails
Libraries: React, PyTorch, Tensorflow, librosa, SpaCy, tidyverse
Developer Tools: Docker, GCP, PostgreSQL, AWS, MongoDB, Jupyter, Figma, Terraform, DevOps, Linux

Experience

Software Engineering Intern — January 2026 – April 2026
Shopify — *Toronto, ON*
- Incoming January 2026

CEO/Founding Engineer — May 2025 – Present
Luna AI — *Toronto, ON*
- Built the first multimodal AI desktop assistant capable of proactive actions and **real-time memory RAG**
- Deployed client-server architecture (**Electron.js** + **Python WebSockets**) on **GCP** using **Agile** and **SDLC** practices, improving feedback iteration speed by **30%**
- Scaled to **500+** alpha users within the first month and enhanced client workflow by nearly **60%**

Research Assistant — November 2024 – Present
University of Toronto, Computational Social Science Lab — *Toronto, ON*
- Designed and executed a **quantitative study** with Professor Ashton Anderson on **multi-LLM agent interactions in AI education**, analyzing engagement patterns through **statistical modeling** and **NLP**
- Co-authoring a paper scheduled to be published at **CHI 2026**

Machine Learning Developer — October 2024 – Present
University of Toronto Machine Intelligence Student Team (UTMIST) — *Toronto, ON*
- Engineered a high-accuracy, time-series based **Sound Event Detection (SED) classification model** for **Aercoustics Ltd.**, enhancing feature extraction and tuning hyperparameters to optimize recall and precision
- Increased model accuracy by **20%** via **LoRA** fine-tuning, noise reduction, and data augmentation using **librosa**
- Deployed the model on **AWS**, creating a streamlined, API-driven inference system for real-time client use that reduced setup time by **1000 hours/year** on average

Webmaster — October 2024 – Present
University of Toronto Computer Science Student Union (CSSU) — *Toronto, ON*
- Implemented a scalable and secure dashboard in **Next.js** for **4,500+** students, integrating **Auth.js** for authentication and **Prisma** and **PostGreSQL** for encrypted database management

Projects

DoorBash | *Vapi AI, Python*
- Achieved **Warp finalist** and **top 32 out of 1000+** participants @ University of Waterloo's Hack the North with a terminal-based GUI app that connected voice agents to restaurants to order food for users

AntiTetris | *JavaScript, Next.js, Node.js, React, WebSockets*
- Achieved **1st place** out of **300+** participants at NewHacks by developing a cybersecurity-focused game

Posture Checker Robot | *OpenCV, Next.js, Terraform, AWS, PostgreSQL*
- Secured **2nd out of 350+** participants at UTRAHacks with a computer-vision-based posture correction tool
- Optimized deployment pipelines by **30%** by automating **AWS** cloud infrastructure (**RDS, EC2**) with **Terraform**
- Streamlined deployment by implementing **CI/CD** pipelines with **GitHub Actions** and **Docker** containerization, ensuring automated and reliable builds that adhere to **DevOps** best practices