Tom Zhang

437-247-6482 | tom.zhang.career@hotmail.com | [LinkedIn](#) | [GitHub](#) | [Personal Website](#) |

EXPERIENCE

Founding Engineer — June 2024 – Present
OrbitView
- At OrbitView, we have experienced multiple pivots. From initially being a media production company, we have morphed into developing a platform that allows people to monetize their underutilized asset of their knowledge. Monetize one's knowledge without active time investment through subscription access.

Founding Engineer and Member — Feb 2025 – Present
Azure Partners
- Empowering Business Growth with AI

Head of Engineer Department — June 2024 – Present
Earl Haig Science Society
- Hosted weekly meetings, workshops, keynotes, panels, etc.
- Grew department popularity by nearly 30% (still growing at the time of me writing this)
- Currently mentoring over 15 active students to prepare for STEM competitions with my expertise and experience
- Engineered a website for Earl Science Society, part of the largest public high school by student body in Ontario, Canada,. It continues to provide over 330 students (roughly 16% (1/6) of our entire school's student body) with equal access to information regarding STEM opportunities, labs, contests, events, behind the scenes and more!
- Lead the team of developers managing traffic management and achieved a score of 100% on BEST PRACTICES and 100% on SEO according to PageSpeed Insights

Software Engineer — Sept 2024 – March 2025
Token Z Labs
- Unified, User-Centric, Universal Ledger for Capital Markets — RWA — Mint, Manage, Trade real-world assets globally.
- Contributed 10 hours per week to engineering, project management, and technological innovation.
- Designed and built scalable applications, tools, and blockchain-based solutions, ensuring they adhered to the highest industry standards.
- Conducted research on emerging trends in DeFi, and tokenized real-world assets, providing data-driven recommendations for new business opportunities
- Digitized and listed 50+ pages of legal documents, notes, and user disclaimers to adhere to regulatory compliance onto the product website.

PROJECTS

OrbitView — *Jan 2025 – Present*
- Pioneering the first AI-powered mentorship hub, leveraging custom-trained AI mentors to provide elite knowledge and guidance.
- Building AI Avatar & Agent Creator, allowing users to train personalized AI mentors on expert knowledge, case studies, and contrarian thinking frameworks.
- Engineering training data ingestion & labeling systems for PDFs, Word Docs, and interview transcripts, enabling deep personalization and reasoning-based AI insights.
- Positioning OrbitView as a central hub for "embedded brand ambassadors", creating a flywheel effect of growth for organizations (e.g. startup accelerators, academic institutions, coaches, consultants, etc.).
- Preparing for fundraising (June – July 2025) to scale adoption and operations.

EDUCATION

Earl Haig Secondary School — Toronto, Canada
Ontario Secondary School Diploma (OSSD) — *Sept. 2022 – June. 2026*

University of Waterloo — Kitchener, Ontario
Catalyst for Young Entrepreneurs — *July. 2024 - Aug. 2024*

TECHNICAL SKILLS

Languages: Python, Java, JavaScript Arduino, SQL (MySQL), HTML/CSS, R
Frameworks: React.js, Next.js, Django, Django Rest Framework (DRF), FastAPI
Developer Tools: VS Code, Insomnia (API testing), IntelliJ, DataGrip, MySQL Workbench, Git GitHub, PyCharm Professional Edition, Arduino IDE, Thonny, SQLlite
Libraries: pandas, NumPy, Matplotlib, PyTorch, TensorFlow, MySQLClient, Bootstrap, Tailwind CSS

CERTIFICATIONS

Meta Back-End Developer Specialization *Meta, June 2024*

IBM AI Engineering *IBM, July 2024*

Python for Data Science, AI, & Development *IBM, September 2024*