

# Tom Zhang

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## EXPERIENCE

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### 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 – Feb 2025

*Token Z Labs*

- Unified, User-Centric, Universal Ledger for Capital Markets — RWA — Mint, Manage, Trade real-world assets globally.
- Designed and shipped a magnificent user interface (UI/UX) and increased client and investor engagement by over 254%
- Prepared and structured website content in time for a fundraising round in Q1 2025.
- Formatted 50+ pages of legal documents, notes, and user disclaimers to adhere to regulatory compliance.

## PROJECTS

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### 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

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### 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

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**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, SQLite

**Libraries:** pandas, NumPy, Matplotlib, PyTorch, TensorFlow, MySQLClient, Bootstrap, Tailwind CSS

## CERTIFICATIONS

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**Meta Back-End Developer Specialization**

*Meta, June 2024*

**IBM AI Engineering**

*IBM, July 2024*

**Python for Data Science, AI, & Development**

*IBM, September 2024*