

# Tom Zhang

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## EXPERIENCE

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### Founding Engineer

June 2024 – Present

*OrbitView*

- At OrbitView, we are redefining how people present themselves online. Led the design and development of a platform that transforms traditional resumes into dynamic and interactive portfolios, giving users the power to tell their whole story, not just a list of roles.

### 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.
- Lead school team of 10+ students and 8 projects to the Toronto Science Fair and won medals.
- Created and maintained a website for Earl Haig Science Society.
- Managed 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

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### OrbitView

Jan 2025 – Present

- Developed 6+ RESTful APIs for efficient and secure retrieval of user information.
- Currently developing and iterating premium features like effortless resume versioning and instant export of portfolios as websites.
- Continuously optimizing backend robustness through automated testing, caching, performance testing, and background tasks.

### Medport

March 2025 – Present

- Engineered a smart container box with calibrated sensors to track medication and supplement intake in real time, generating a precise usage log.
- Enabled seamless data export for users to share comprehensive intake records with healthcare providers (e.g., doctors, physicians, nutritionists), improving personalized care.
- Won a silver medal at the 2025 Toronto Science Fair.

EDUCATION

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<b>Earl Haig Secondary School</b> <i>Ontario Secondary School Diploma (OSSD)</i>	Toronto, Canada <i>Sept. 2022 – June. 2026</i>
<b>University of Waterloo</b> <i>Catalyst for Young Entrepreneurs</i>	Kitchener, Ontario <i>July. 2024 - Aug. 2024</i>
<b>Harvard University</b> <i>Harvard Undergraduate Ventures-TECH Summer Program</i>	Remote <i>July. 2024 - Aug. 2024</i>

TECHNICAL SKILLS

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

CERTIFICATIONS

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<b>Meta Back-End Developer Specialization</b>	<i>Meta, June 2024</i>
<b>IBM AI Engineering</b>	<i>IBM, July 2024</i>
<b>Python for Data Science, AI, &amp; Development</b>	<i>IBM, September 2024</i>