Tom Zhang

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EDUCATION

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

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

EXPERIENCE

Founder and CEO   June 2024 – Present
OrbitView Media
- At OrbitView, we're pioneering the future of professional networking and innovation. We've combined the optimal aspects of social media, AR/VR technology, and immersive learning to create a platform that goes beyond traditional boundaries, one for knowledge, immersion, and growth for the next generation of innovators, entrepreneurs, and leaders.

Software Engineer   Sept 2024 – Present
Hackathons Canada
- Unified, User-Centric, Universal Ledger for Capital Markets — RWA — Mint, Manage, Trade real-world assets globally.

PROJECTS

Sentinel Safeguard Network | *Python, Django, LoRaWAN, PyTorch, React Native*   March 2024 – Present
- Developed a neighborhood safeguard solution.
- Utilized cutting-edge Internet of Things (IoT) technology and scalable hybrid-cloud infrastructure.
- Employed PyTorch for model training.
- **Won a bronze medal at Toronto Science Fair 2024**.
- Continuing to work alongside neighborhood law enforcement, youth council leaders, and trustees on a formal pilot program across the Willowdale community.

OrbitView | *AR/VR, AI, Autonomous Networking*   June 2024 – Present
- Pioneering the future of professional networking by integrating social media, AR/VR technology, and immersive learning to promote knowledge and growth for innovators, entrepreneurs, and leaders.
- Developing an interactive 3D globe for users to explore industries, headlines, and companies globally, revolutionizing how people discover new opportunities.
- Building the brand identity around "orbiting," offering a 3D networking experience where users can engage in an ultra-immersive environment and exchange groundbreaking ideas.
- Creating both digital and physical experiences through visionary coworking spaces, AR-enhanced environments, and global playgrounds.
- Leading research and development in commercializing autonomous networking technology, utilizing AI, AR, and VR to intelligently connect professionals in a 3D virtual globe.

TECHNICAL SKILLS

Languages: Python, Java, JavaScript Arduino, SQL (MySQL), HTML/CSS, R
Frameworks: React, Django, Django Rest Framework
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, Chakra UI