

Tyler Zaeske

Developer and Student

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SUMMARY

Computer science student and developer in the open-source intelligence field. Recognized as a top contributor at OSINT Industries. Helped build real world tools used by investigators, journalists, and cybersecurity professionals at over 5000 different law enforcement departments worldwide. Passionate about skiing, rugby, criminology, chess and religions around the world.

WORK EXPERIENCE

Developer, OSINT Industries - Dec 2023 - present - Remote

OSINT Industries provides open-source intelligence (OSINT) tools that help agencies, journalists, and investigators gather real-time data on persons of interest from 500+ sources.

- Reverse engineering 300+ websites to build unique identity enriching modules, personally creating ~50% of all modules available on the platform
- Consistently recognized by senior leadership as the top contributor of data for our newest platform since the start of the project in June 2025, receiving verbal and monetary rewards
- Parsing, indexing and maintaining 20+ billion rows of sensitive intelligence data for our people search engine used by select organizations to detect fraud and identify criminals

Full Stack Developer, Hebbian GmbH - Dec 2021 - Sep 2023 - Zürich, Switzerland

- Worked with a team of developers to create a learning platform targeted towards AP and IB computer science students, which is now used in courses across 3 continents
- Built an automatic grading system using AI to maximize grading speed for teachers
- Analyzed open data from Udemmy to find topics that would perform the best on Udemmy by constructing an equation with over 15 different variables. Courses created on suggested topics performed over 2x better

EDUCATION

University of Colorado Boulder - Aug 2024 - present

- Bachelor of Science in Computer Science expected in 2028
- Member of Boulder Freeride club. Participated in many sponsored events by brands like RedBull and Burton. Went on team building ski trips to make friends and learn more about the sport
- Interested in sociology and criminology, exploring courses with consideration of a minor

Zurich International School - Aug 2018 - May 2024

- Graduated with AP scholar with distinction
- Awarded "Most Improved" title for both the rugby team and downhill ski team. Was starting lock for the rugby team

Experiences

- Summer intern at Liip AG. Learned web development with VueJS and working in a production codebase
- Partook in a summer course at Northwestern University for Computer Science and game development. Learned UI principles and applied them to my own game written in Java

PROJECTS

- [Particle Attraction](#): Simulation that utilises asymmetrical forces to create complex, emergent life
- [Mosaics](#): Generative art program to replace pixels in a video with images to create a mosaic effect
- [GitFinder](#): OSINT tool to enumerate a github user's commit history to find email leads
- Full Project list [here](#)

TECHNICAL SKILLS

- C/C++, Python, OSINT, SOCMINT, reverse engineering, APIs, Java, Git, Assembly, full stack, VueJS, MongoDB, Elasticsearch