

Sebastian Vega

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TECHNICAL SKILLS

Languages: Javascript, Python (Pandas, NumPy, SciKit-Learn), Go, C#, C++, C, Java, SQL, Apache Spark
Frameworks: React, Express, Node, Encore, ASP.NET Core, .NET MAUI, Spring Boot, Flask, Django, FastAPI
Datastores: PostgreSQL, MySQL, MongoDB, SQL Server, SQLite, HDFS
Developer Tools: Git, Github, VS Code, Figma, Postman, Jira, Docker, Neovim, WSL, Visual Paradigm

EDUCATION

Sheridan College Sep 2022 – Apr 2026
Honours Bachelor of Computer Science(Data Analytics) Oakville, ON
Relevant Coursework: Data Structures & Algorithms, Data Analysis & Visualization, Machine Learning Techniques, Operating Systems Analysis & Design, Enterprise Software Systems

EXPERIENCE

Lead Instructor Dec 2022 - Sep 2024
Code Ninjas Oakville, ON

- Successfully onboarded **50+ clients** over the course of 2 years
- Prepared a comprehensive Python curriculum that brought in **10+ additional clients**

Full Stack Web Developer Jul 2024 - Oct 2024
Ryan Levi Realty Remote

- Increased **SEO** ranking for Ryan Levi Realty & sister mortgage broker company Next Level Lending
- Raised site visits by over **230%**

Junior Developer Jul 2020 - Sep 2020
TagTeach LLC Remote

- Interned at a startup with the goal of creating simple and accessible grading tools for teachers
- Built and deployed a **full-stack Django web application**
- Collaborated with the Project Manager to refine frontend requirements, **accelerating development** cycles by **30%** and reducing post-launch UI revisions

PROJECTS

BearTracks | *React, Mapbox, Express, Gemini* Jan 2025

- Developed an interactive 3D map **PWA** that won first place at Hackville 2025, gaining **100+ users** in a single day
- Secured Sheridan College official support to continue development
- Developing foot traffic analysis to add support for "popular" areas on campus

PulsePoint | *M.E.R.N* Feb 2024

- Designed and developed a centralized Electronic Medical Record system utilizing blockchain security
- Implemented secure authentication services, client and patient dashboards, and an AI powered health analysis chat-bot

Conway's Game of Life Simulator | *.NET MAUI* Sep 2023 – Oct 2023

- Collaborated with classmates to create a Conway's Game of Life simulator
- Increased framerate by **20%** by optimizing logical evaluation

INVOLVEMENTS

Lead Developer & Organizer Feb 2025 - Mar 2025
BearHacks 2025 Trafalgar Campus

- Developed information dashboard for **260+** hackathon participants and organizers
- Successfully helped organize in-person event, primarily in charge of registration check-ins and project submission validation

Lead Developer & Executive Jan 2025 - Present
Sheridan Computer Science Club Trafalgar Campus

- Developing a Discord bot to be used by **multiple Sheridan College clubs** that integrates with an Event system to showcase club events on various frontend sites
- Developing sheridancs.club frontend and backend