

INSOO SON

Ontario, Canada | 226-224-3028 | insooeric.son@gmail.com
<https://github.com/insooeric> | <https://www.linkedin.com/in/eric-son-6742b7173/>

Objective

Computer Science graduate with hands-on experience in Full-Stack development and data analysis with strong problem-solving skills. Passionate about software development and web technologies. Seeking an entry-level developer role to apply technical expertise in building scalable and user-friendly applications while continuously leveraging knowledge.

Skills

Programming	JavaScript, C#, C++, Java, Kotlin, Python
Back-End	Node.js, Express.js, ASP.NET Core, MongoDB, MySQL, Firebase, OAuth0
Front-End	React.js, Vue.js, HTML, CSS, SASS, Redux, React Native
Cloud & Tools	Azure, AWS, Render, Vercel, Google Cloud, GitHub, Docker, ClickUp, Scrum

Education

Bachelor's Degree in Computer Science	May 2025 - Present
<i>Western University</i>	Ontario, Canada
Advanced Diploma in Computer Programming and Analysis	Sep 2021 – Dec 2024
<i>Fanshawe College</i>	Ontario, Canada

Personal Projects

Stemma (GitHub badges)	Jan 2025 – Present
-------------------------------	--------------------

<https://stemma.vercel.app/>

- Full-Stack web application using React.js with Typescript (Frontend) and ASP.NET Core with C# (Backend) with proper CORS policy.
- SASS used for intuitive UI design; Google Cloud Storage used for storing data.
- Basic CRUD, dynamic SVG generation (grid styling, animated SVG, etc.), and ImageSharp from SixLabors are used for manipulating images, displaying resized SVG with link, and converting diverse image types to SVG.
- Handles login and logout with GitHub account using Auth0 and JWT with time expiry that actively validates the token; Redirects to home with valid cookies on success.
- Parallel API calls to GitHub API and Redis caching that fetches repository to aggregate language statistics and produces pie chart and more and temporarily storing small datasets.
- Utilized DotNetEnv to load secrets for JWT, GitHub, and Google Cloud, enabling environment variables to be used during the production.
- Numerous middleware classes encapsulate logics for clean, organized, and maintainable purpose.

Gomoku AI (Integrated in Profile Website)	Dec 2024 – Jan 2025
--	---------------------

<https://insooeric.github.io/#!/playground>

- Full-Stack AI-powered Gomoku game using React.js (Frontend) and ASP.NET Core (Backend).
- Designed an intuitive UI using SASS to enhance user experience and engagement.
- Implemented Minimax algorithm with Heuristic evaluation, Alpha-Beta pruning, and Monte Carlo Tree Search with Priority logic for deep learning the current board, returning optimal result.
- Enabled API-based AI evaluation with Free-Style and Renju Rule support.
- Deployed backend using Docker on Render and frontend on Vercel.