

Simon Rapala

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Technical Skills

- **Languages:** C, JavaScript, Java, HTML, CSS, Assembly
- **Tools:** VS Code, Git, Nano, GitLab
- **Concepts:** Data structures & algorithms, dynamic memory, pointers, file I/O
- **OS:** Windows, Linux

Personal Projects

Amazon Web Page Copy — created to learn JavaScript and further my knowledge of HTML and CSS

Jul 2025 — Oct 2025

Tech: HTML, CSS, JavaScript, VS Code, Git

- Used HTML/CSS/JS to implement cart add/remove/update with DOM handlers in a JS environment
- Implemented checkout flow using HTML generation with total price calculation; all test cases passed.

k-Nearest Neighbors Classifier (C) – A program to classify animal data using k-NN with multiple distance metrics.

Oct 2025

Tech: C, CSV Files, VS Code, Nano, GitLab

- Used C structs, arrays, file I/O, and sorting to parse/process .txt/.csv datasets.
- Demonstrated algorithms, data handling, and accuracy evaluation in a low-level language.

Education

Bachelor of Computing, Computer Science (Co-op), University of Guelph

2024 — Present

Guelph, ON

- Average: 85%; pursuing Minor in Statistics.
- **Key project — Linked-List Music Player (Feb 2025):** Used C (pointers, dynamic memory malloc/free, file I/O) to build a CSV-driven linked-list music player with append/remove/play/search commands in a CLI environment.

Extra-Curricular

Computer Networking Society — University of Guelph

Present

- Plan to attend workshops on networking, cloud, and security this term.

Google Developer Groups — University of Guelph

Present

- Expect to participate in Flutter + Firebase sessions; build demo apps and attend a hackathon.

Non-Technical Work Experience

Manual Labourer (Night Shift), DENSO

Aug 2023 — May 2024

Guelph, ON

- Supported other shifts to fulfill customer orders.
- Helped onboard new hires; answered questions and supported throughput/quality targets.