Quinn Webster

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Education

University of Victoria	Sept 2022 – Present
Bachelor of Software Engineering	Victoria, BC
2nd year, 3.8/4.3 GPA	Expected Graduation: 2027

Technical skills

Backend languages: Java, C, C frameworks, Python, R, Assembly, Bash Scripting
Frontend languages: HTML, CSS, JavaScript
IDE: VSCode, Eclipse
Operating systems: UNIX/Linux, Windows
Additional skills: Git, LaTeX, Microsoft Office

Projects

UVIC Engineering Hackathon

- Collaborated with a team of four to code an autonomous battle snake using Python; advanced to semi-finals.

News summarizer

- Developed a Python script for news retrieval, article parsing, and summarization using Laten Semantic Analysis, integrated with Twilio for sending SMS news articles summaries.

Ultimate Tic Tac Toe AI

- Collaboratively implemented a Monte Carlo Tree Search algorithm for Ultimate Tic Tac Toe during a hackathon, optimizing decision-making through iterative tree traversal and game simulation.

Cribbage Game Optimization

- Designed and coded a website using HTML, CSS, and JavaScript with a custom algorithm, optimizing cribbage gameplay.

Employment and Clubs

Data Entry/ Race Timer   June 2023 – Aug 2023
Zone4 Systems Inc.   Canmore, AB

- Utilized timing software and RapidCam line-scan photo-finish camera technology, to document national-level sporting events.
- Captured data in a high-stress, time-constrained atmosphere and quickly and accurately entered information for race-officials.
- Strengthened time management skills and learned to remain calm at the height of stressful scenarios.

Gymnastics Coach   Sept 2017 – Aug 2023
Canmore Illusions Gymnastics Club (CIGC)   Canmore, AB

- Coached athletes aged 5–14 years, designed effective lesson plans and customized training for each athlete's progression.
- Worked collaboratively with the coaching staff to enhance my teaching abilities and refine my presentation skills.
- Enhanced my skills in group management, conflict resolution, and big-picture planning.

UVIC First-Year Engineering Council (UVIC Engineering Student Society)   Sept 2022–April 2023

- Collaborated with fellow engineering students on the First-year Engineering Council, planned and executed events for all first-year engineering students.