

Joshua Esteban Ruiz Nowell

+1 (778) 954-9715 | joshnrn2002@gmail.com | <https://www.linkedin.com/in/joshua-ruiz-software/>
<https://github.com/joshruiz1414>

EDUCATION

UNIVERSITY OF VICTORIA

Apr 2025

B.A.Sc., Computer Engineering

- **Achievements:** 90%+ Average Scholarship University of Victoria For outstanding grades in Secondary School senior year

EXPERIENCE

Kuran Games

Jul 2025 - Sep 2025

SOFTWARE DEV INTERN

- Spearheaded development of multiple unique H5 games from design to completion
- Leveraged AI prompts to accelerate gameplay development and problem-solving
- Contributed to product decisions in team meetings by analyzing user feedback
- Tested and debugged various H5 games to achieve reliable production releases

Natural Resources Canada

Sep 2024 - Apr 2025

DATA ANALYST

- Led feature process E2E with design, stakeholder review, and production release
- Leveraged python libraries in ARCGIS to automate meaningful data visualizations
- Optimized fire spread project performance by adopting level-focused BFS algorithms
- Processed hundreds of thousands of data points using python scripts or SQL queries

Noratek Solutions

May 2024 - Aug 2024

JUNIOR SOFTWARE DEV INTERN

- Created and troubleshooted a pivot table in java to display custom client data
- Introduced robust and informative unit testing to ensure data retrieval was accurate
- Paired with senior engineers to design isolated modules for user app workflows
- Wrote SQL queries that combine data from PostgreSQL database for web dashboard

Voronoi Health Analytics

Jan 2022 - Dec 2022

SOFTWARE INTERN

- Initiated automatic program start-up Cpp script with machine-type dynamic inputs
- Completed project to connect MATLAB and Cpp processes using named pipes
- Used Cpp to clean up company-wide bash script making it generalizable for every OS
- Developed Cpp program that generated mock user-data for main app test cases

SKILLS

- **PROGRAMMING:** Python, C++, MatLab, Java, SQL, Swift, JavaScript
- **TECHNOLOGIES:** Git, Linux, PyTorch, VScode, IntelliJ, Cursor, Next.js, PyCharm, Xcode, OpenCV
- **INTERESTS:** Basketball, Piano, Climbing
- **TECHNICAL SKILLS:** Git, Linux, CI/CD, Design, AI Prompt

VOLUNTEER

Community Sports Coach

Salvation Army Team

RELEVANT PROJECTS

Face Tracking Security Camera

Sep 2023 - Dec 2023

- Used pyCharm, openCV, and numpy to extract image frame features efficiently
- Tailored thread count to maximize CPU usage and speed up slow computations
- Presented end-to-end demo of embedded system coordinating face identification
- Integrated email notification system with real-time deliver of attached image payload

AWARDS

- **90%+ Average Scholarship:** University of Victoria For outstanding grades in Secondary School senior year

LANGUAGES

- Spanish (Advanced)