

Rowan Meronek

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Education

University of Victoria , Combined Honours BSc in Physics and Computer Science with Minor in Mathematics	Jan 2020 – Apr 2025
<ul style="list-style-type: none">• Coursework: Quantum Physics, Artificial Intelligence, Computational Theory, Machine Learning	
Whistler Waldorf School , High School Diploma - Honours' Roll	Sept 2012 – June 2016
<ul style="list-style-type: none">• Inaugurated the program as a member of the first graduating class	

Experience

Scaffolder , Northwest Scaffolding - Victoria BC	May 2023 – Aug 2024
<ul style="list-style-type: none">• Took initiative to learn all aspects of the job and perform to the best of my ability• Led crews as a foreman to complete jobs in a timely and efficient manner	
Industrial Cleaner , WMMC - Pemberton/Whistler, BC	June 2020 – May 2021
<ul style="list-style-type: none">• Responsible for weekly cleaning of the Pemberton facility	
Packaging Team Leader , WMMC - Pemberton/Whistler, BC	May 2018 – Dec 2019
<ul style="list-style-type: none">• Coordinated and lead Pemberton packaging team• Built strong and healthy team dynamics to meet corporate goals• Kept track of inventory for packaging/shipping supplies• Completed daily standard operation procedure packaging forms. Monitored overall packaging performance and improved efficiency by implementing simple reproducible systems to be taught to new employees	
Yard Supervisor , RONA - Pemberton, BC	Feb 2017 – May 2018
<ul style="list-style-type: none">• In charge of managing and completing orders to be sent out to building customers	
Various: Barista, Dishwasher, Pizza Chef, Construction Labourer	Jan 2014 – Feb 2017

Additional Experience

Volunteered 2016: Volunteered at the King's Children's Home in Belize as the humanitarian component of the Gr.12 trip with Whistler Waldorf
Volunteered 2016: Picked up trash after the Pemberton Music Festival came to my hometown to help maintain the beautiful environment I had a privilege to grow up in
Link Leader 2015: Participated in a program to help Gr.7s transition from middle school to high school by pairing them up with Gr.11/12s and doing activities together such as visiting local farms

Projects

Physics 499 Honours Project	<u>Honours Poster</u>
<ul style="list-style-type: none">• Simulated the oxygen dissolution/diffusion process during vacuum heat treatments in Niobium.	
Physics 325 Optics Poster	<u>QCED Poster</u>
<ul style="list-style-type: none">• Delved into Quantum Cavity Electrodynamics within the context of creating a poster for the annual Phys 325 poster presentations	
Penning Traps Presentation	<u>Penning Traps</u>
<ul style="list-style-type: none">• Created a Google slides presentation to accompany a 15 minute talk on Penning traps and how they can be used to make relevant measurements of ions	
Gr. 12 Thesis Project	<u>Thesis Essay</u> <u>Thesis Presentation</u>

- Wrote an essay on "How the Legalization of Cannabis Will Affect Canadians" to accompany a 15 minute presentation open to the public

The Consilience Report

[Youtube](#)

- Co-produced a podcast to help facilitate and promote good faith dialogue to help us better make sense of the world we live in

Technologies and Skills

Languages: Python, C, Java, Assembly, JavaScript, R, Novice French Speaker

Software: Latex, PowerPoint, Excel, Word, Graph Knowledge Management

Interests and Extracurricular Activities

Uvic Calisthenics Club Exec: Host meetups every Thursday to promote the calisthenics community at Uvic and in Victoria

Games: Poker, Chess

Sports/Outdoor Activities: Mountain Biking, Skiing, Hiking, Calisthenics, Surfing, Soccer, Baseball, Football, Climbing, Squash

Avid reader: currently reading "The Brothers of Karamazov" by Fyodor Dostoevsky

References

- available upon request