

# Rowan Meronek

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## Education

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

## Experience

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

## Additional Experience

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<b>Volunteered 2016:</b> Volunteered at the King's Children's Home in Belize as the humanitarian component of the Gr.12 trip with Whistler Waldorf
<b>Volunteered 2016:</b> 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
<b>Link Leader 2015:</b> 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

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<b>Physics Honours Project</b>	<u>Honours Poster</u>
<ul style="list-style-type: none"><li>• Simulated the oxygen dissolution/diffusion process during vacuum heat treatments in Niobium.</li></ul>	
<b>Physics Optics Poster</b>	<u>QCED Poster</u>
<ul style="list-style-type: none"><li>• Delved into Quantum Cavity Electrodynamics within the context of creating a poster for the annual Phys 325 poster presentations</li></ul>	
<b>Penning Traps Presentation</b>	<u>Penning Traps</u>
<ul style="list-style-type: none"><li>• 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</li></ul>	
<b>Gr. 12 Thesis Project</b>	<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**

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

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

### **Interests and Extracurricular Activities**

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**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**

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- available upon request