

Christopher Yu

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SUMMARY

Motivated 4th year computer science student passionate about learning new technology. Enthusiastic about solving problems and learning about maintaining software at a large scale. Seeking an opportunity to leverage solid development skills and grow professionally.

EDUCATION

- **University of Victoria** Victoria, BC
Bachelor of Science, Computer Science *May 2021 - Present*
Courses: Operating Systems, Algorithms and Data Structures, Database Systems.
- **University of Victoria** Victoria, BC
Bachelor of Mechanical Engineering *Jan 2016 - Dec 2021*
Courses: Fluid Mechanics, Heat Transfer, Thermodynamics, 3D-Printing, Mechanics of Solids.

SKILLS SUMMARY

- **Languages:** Python, Java, C, SQL, HTML, Javascript
- **Tools:** Eclipse, Notepad++, Git, Matlab, Visual Studio

EXPERIENCE

- **Microserve** Victoria, BC
Configuration Technician Co-op *Sept 2024 - April 2024*
 - Configured new client systems by imaging large volumes of PCs and printers, ensuring seamless deployment and functionality.
 - Diagnosed and repaired computer hardware and software issues, performing upgrades to meet client specifications and improve system performance.
 - Installed and troubleshooted software, peripherals, and networks, providing technical support across departments to align with client needs.
- **ACD Systems** Victoria, BC
Quality Assurance Analyst Co-op *Jan 2023 - Aug 2023*
 - Executed Black Box testing processes on the ACD product line to ensure compliance with high-quality standards.
 - Developed comprehensive test plans, test strategies, and test cases in collaboration with the Quality Assurance team.
 - Identified, analyzed, and documented defects, questionable functions, and inconsistencies in software during the testing phase.
- **Ocean Networks Canada** Victoria, BC
Mechanical Engineering Co-op *Sept 2021 - Dec 2021*
 - Assisted with design and assembly of platforms for underwater instruments using heat transfer and load calculations.
 - Built a fully functional Early Earthquake Warning System by following schematics, designing a 3D model in SolidWorks, and procuring all necessary parts.

- Created mechanical parts using hand tools and manual machine tools.

- **Baylis Medical Company**

Mississauga, ON

Process Engineer Associate (Co-op)

Sept 2018 - Dec 2018

- Researched new materials and prototyped various ideas to revamp the NRG Needle Foam Tray.
- Improved ergonomics and tearing issues for a label dispenser by modifying, modelling, and testing and iterating a new design.
- Conducted verification and validation testing to validate design requirements and concepts.

- **BC Research Inc.**

Vancouver, BC

Mechanical Engineer Co-op Student

Jan 2018 - Aug 2018

- Fabricated systems using pipes, tubing, support brackets, and various parts.
- Designed, created, and integrated 3D printed parts in SolidWorks for related projects.
- Extracted bitumen from oil sand tailings through multiple configurations to determine efficacy of Dissolved Air Flotation.