

# Christopher Petrone *he / him*

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(778) 676-0133 | Victoria, BC

## SKILLS

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**Languages:** JavaScript, Python

**Frameworks:** React, Node.js, D3.js, Pandas

**Tools:** git, AWS

## WORK EXPERIENCE

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### Smart Nora Inc.

Jan 2021 – May 2021

*Software & Data Engineer Co-Op*

Toronto, ON

- Data collection & engineering using iOS app, including smart device log & raw audio files
- Exploratory data analysis on raw audio data, generating weekly reports
- Managing and maintaining current iOS application for user data collection

### Vintage Woodworks Inc.

Summer 2022

*Labourer, Shipping & Receiving*

Victoria, BC

- Assisted managing shipping & receiving and inventory
- Shop duties, light carpentry & TIG welding

## EDUCATION

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### University of Victoria

*BSc Computer Science & Psychology*

- Completed an interdisciplinary project linking Psychology & Computer Science fields
- Founded a student Virtual Reality programming club

## PROJECTS

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### DevXP – Spring 2022

- Full stack Typescript development on “Infrastructure as a Service” application
- React Frontend, Node.js Backend
- CI/CD pipeline using Terraform & GCP

### InfoVis Interactive Visualization – Fall 2022

- Built interactive D3.js visualizations about housing in Victoria
- Embedded in a React application
- Data engineering & analysis done in Python

### Immersive Virtual Experiences for Psychology – Fall 2022

- Undergraduate Independent Study
- Exploring immersive virtual environments to experience and study virtual phenomena
- Unity Engine, C# for custom scripting

### Soundboy – Fall 2021

- Trained & deployed a Tensorflow model to identify instrument source on short audio clips
- Full stack Typescript development, React & Node.js

## SKILLS & INTERESTS

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- **Skills:** Independent learner who is very capable of self-teaching and learning new skills. Conscious and thoughtful of privilege as a member of both privileged & marginalized groups. Happy to work alone and even happier working in groups.
- **Interests:** photography, VR & AR, mountain biking, hiking, visual art & art code