

# Zehou (Tiger) Wu

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## EDUCATION

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### University of British Columbia

September 2018 - Present

#### *Bachelor of Arts*

- Major in Computer Science
- Minor Philosophy

### Simon Fraser University

September 2016 - August 2018

- Coursework in Economics
- NCAA Division 2 Track and Field Athlete

## EXPERIENCE

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### UBC Institute for Resources, Environment and Sustainability

#### *Research Assistant to Prof. Hadi Dowlatabadi and Prof. Jiaying Zhao*

October 2020 - Present

- Build a Smart Personalized Carbon Footprint Dashboard (GHG Dashboard) to generate individualized emission information that can help households reduce carbon footprint
- Analyze metadata of American household energy consumption using R to find pattern and simplify data categorization
- Work closely with Prof. Dowlatabadi and Prof. Zhao to identify issues in research planning and project execution

### UBC Department of Philosophy

#### *Research Assistant to Prof. Leslie Burkholder*

January 2021 -

- Investigate simplifications of typical logic language formulas needed to employ resolution refutation and different kinds of proof assistants for making resolution refutation proofs.
- Looks at techniques used to automate resolution refutation proofs.
- Develop a proof assistant for resolution refutation

## SKILLS

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### Programming

#### *I have experience with the following languages*

- Python
- Java
- C++
- Java Script
- R

### Logic

#### *I have taken courses on the following topics*

- Modal Logic
- Non-Classical Logic
- Meta Theory (Model Theory)
- Computability

### Language

- Mandarin Chinese (native fluency)
- English (native fluency)