Zehou (Tiger) Wu

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EDUCATION

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

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.
- Look at techniques used to automate resolution refutation proofs.
- Develop a proof assistant for resolution refutation

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

SKILLS

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)