

Zehou (Tiger) Wu

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EDUCATION

University of British Columbia

September 2018 - May 2022

Bachelor of Arts

- Major in Computer Science
- Minor in Mathematics

Simon Fraser University

September 2016 - August 2018

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

EXPERIENCE

UBC Department of Computer Science (Software Practices Lab)

Automated Debugging for SMT solving

Research Assistant to Prof. Alexander Summers

May 2021 - August 2021

- Developing new techniques for the analysis of trace information logged by an instrumented SMT solver
- Extending and upgrading an existing SMT debugger, Axiom Profiler.

UBC Institute for Resources, Environment and Sustainability

Carbon Footprint Dashboard

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

October 2020 - December 2020

- Build a Personalized Carbon Footprint Dashboard (GHG Dashboard) to generate individualized emission information that can help households reduce carbon footprint
- NOTE* Unfortunately I stopped being involved in the project.

AWARD

Natural Sciences and Engineering Research Council of Canada

Undergraduate Student Research Award

2021

- To support the Automated Debugging for SMT solving project

SKILLS

Programming

I have experience with the following languages

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

Logic

I have taken courses on the following logic topics

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

Language

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

HOBBIES

Lifting Weights

Video Games

Competitive Programming (not good at it though)