

Zehou (Tiger) Wu 吴泽后

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EDUCATION

University of British Columbia

September 2018 - May 2023

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 Student Athlete

EXPERIENCE

UBC Department of Psychology (Behavioural Sustainability Lab)

Research Assistant to Prof. Jiaying Zhao

December 2021 - April 2022

- Help design and create a website for workshops and data collection.

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

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 had some experience with the following languages

- Python, Java, C++, C#, JavaScript, R

Logic


I have taken the following advanced undergraduate courses

- Algorithm Design and Analysis, Graph Theory, Computing Theory, Modal Logic, Non-Classical Logic, Meta Theory (Model Theory)

Language

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

HOBBIES

Competitive Programming (Here are the results  Coding Contest)