Student Project Supervision

Projects at the University of Waterloo

Current Students


Graduate Students


Undergraduate Students

Undergraduate Student Research Award (USRA) and Undergraduate Research Internship (URI) undergraduates work full-time for a term on a research project. Undergraduate Research Assistantship (URA) undergraduates work about 6-8 hours/week for a term on a research project.


Other Student Projects


[UWatO3] Aditya Singh. General Tainting Checker. Spring 2020 GSoC student (started May 2020). Google Summer of Code (GSoC) is a competitive intern funding program from Google. Dr. Dietl is one of the GSoC organizers for the Checker Framework project and is the GSoC advisor for Mr. Singh. September 2020.


[UWatO6] Ayush Agarwal. Android Support Annotations. Spring 2019 GSoC student (started April 2019). Google Summer of Code (GSoC) is a competitive intern funding program from Google. Dr. Dietl is one of the GSoC organizers for the Checker Framework project and was the GSoC advisor for Mr. Agarwal. August 2019.

[UWatO7] Ravi Roshan. Checker Framework Java 9 support. Spring 2018 GSoC student (started April 2018). Google Summer of Code (GSoC) is a competitive intern funding program from Google. Dr. Dietl is one of the GSoC organizers for the Checker Framework project and was the GSoC advisor for Mr. Roshan. August 2018.

[UWatO8] Shinya Yoshida. Control Flow Graph Enhancements. Spring 2017 GSoC student (started April 2017). Google Summer of Code (GSoC) is a competitive intern funding program from Google. Dr. Dietl is one of the GSoC organizers for the Checker Framework project and was the GSoC advisor for Mr. Yoshida. August 2017.

External PhD Thesis Reader

1. Paley Li, March 2015, Victoria University of Wellington

PhD Defense Committee Member

1. Parsa Pourali, January 2020, ECE, University of Waterloo
2. Marianna Rapopour, November 2019, CS, University of Waterloo
3. Aaron Moss, April 2019, CS, University of Waterloo
4. Jonathan Eyolfson, April 2018, ECE, University of Waterloo
5. Pansy Arafa, May 2017, ECE, University of Waterloo
6. Karim Ali, September 2014, CS, University of Waterloo

**PhD Comprehensive Exam Committee Member**

1. Yiwen Dong, December 2021, CS, University of Waterloo
2. Parsa Pourali, April 2017, ECE, University of Waterloo
3. Pansy Arafa, June 2015, ECE, University of Waterloo
4. Jean-Christophe Petkovich, July 2014, ECE, University of Waterloo
5. Jonathan Rodriguez, July 2014, CS, University of Waterloo
6. Jonathan Eyolfson, May 2014, ECE, University of Waterloo

**PhD Background Exam Committee Member**

1. Yusen Su, August 2021, ECE, University of Waterloo
2. Hari Govind Vediramana Krishnan, August 2020, ECE, University of Waterloo

**Master Thesis Reader**

1. Tejvinder Singh Toor, January 2022, MASc, ECE, University of Waterloo
2. Rahul Punchhi, August 2021, MASc, ECE, University of Waterloo
3. Yangtian Zi, August 2021, MMath, CS, University of Waterloo
4. Siddharth Priya, August 2021, MASc, ECE, University of Waterloo
5. Boyun Zhang, December 2020, MASc, ECE, University of Waterloo
6. Jakub Kuderski, August 2019, MASc, ECE, University of Waterloo
7. Alex Norton, August 2019, MMath, CS, University of Waterloo
8. Ming-Ho Yee, September 2016, MMath, CS, University of Waterloo
9. Michael Chong, July 2016, MASc, ECE, University of Waterloo
10. Taiyue Liu, July 2016, MASc, ECE, University of Waterloo
11. Omar Alghamdi, November 2015, MASc, ECE, University of Waterloo
12. Aymen Ketata, September 2015, MASc, ECE, University of Waterloo
13. Neeraj Kumar, July 2015, MMath, CS, University of Waterloo
14. Zhuoran Yin, April 2015, MASc, ECE, University of Waterloo
15. Matthew Ma, July 2014, MASc, ECE, University of Waterloo
16. Marianna Rapoport, July 2014, MMath, CS, University of Waterloo
Fourth Year Design Project Supervision at the University of Waterloo

1. “Kitchen Buddies”, Spring 2022
2. “PhysioConnect”, Spring 2022

Projects at the University of Washington


[UWash12] Stephanie Dietzel. Interning type checker case studies; verification games: KeyFor integration; testing framework. Undergraduate and Master’s research (started July 2011). Now at Tableau Software. April 2013.

Master’s projects at ETH Zurich

Master’s projects are six month full-time projects.


Semester projects at ETH Zurich

Semester projects have a workload of around 160 hours.

