

- Identified the need for a new visual stimulus presentation software
- Took initiative and begun the project to create the new software after discussion with lab supervisor
- Participated in requirements gathering, stakeholder management, software design, and software testing
- Designed, conducted, and coded behavioural testing for the comparative study for the new software
- Communicated between the end users (lab members) and the lead developer

PUBLICATION

Qin, M., Wong, A., Seguin, D., Gerlai, R. (2014). Induction of Social Behavior in Zebrafish: Live Versus Computer Animated Fish as Stimuli. *Zebrafish*, 185-197. DOI: 10.1089/zeb.2013.0969

<http://online.liebertpub.com/doi/abs/10.1089/zeb.2013.0969>

RESEARCH EXPERIENCE

05/2014 - 08/2014 Summer Internship, Canine Cognition Center, Yale University
 05/2013 - 08/2013 Summer Internship, Duke Canine Cognition Center, Duke University
 05/2012 - 04/2014 Researcher, Fish Behaviour Genetic Lab, University of Toronto
 05/2011 - 04/2014 Volunteer, Human Communication Lab, University of Toronto
 03/2008 - 05/2010 Researcher, Developmental and Comparative Laboratory, Peking University
 07/2009 - 05/2010 Research Assistant, Giant Panda and Wildlife Conservation Research Center, Peking University

TEACHING EXPERIENCE

05/2016 - 08/2016 Teaching Assistant, MAT134 - Calculus for Life Sciences, University of Toronto
 01/2016 - 04/2016 Teaching Assistant, MAT223 - Linear Algebra 1, University of Toronto
 01/2016 - 04/2016 Teaching Assistant, PHL245 - Modern Symbolic Logic, University of Toronto
 09/2015 - 12/2015 Teaching Assistant, CSC207-Software Tools and System Programming, University of Toronto
 - Language: Java
 09/2015 - 12/2015 Teaching Assistant, CSC108-Introduction to Computer Programming, University of Toronto
 - Language: Python
 09/2015 - 12/2015 Teaching Assistant, MAT102 - Introduction to Mathematical Proofs, University of Toronto
 09/2013 - 04/2014 Teaching Assistant, PHL245 - Modern Symbolic Logic, University of Toronto
 01/2013 - 04/2013 Teaching Assistant, PHL245 - Modern Symbolic Logic, University of Toronto

SCHOLARSHIP AND AWARDS

2016 Outstanding Program Performance in Mathematical & Computational Sciences
 2016 Honour Roll – Beta, Mathematical and Computer Sciences Department, UTM
 2014 Principal's Student Involvement Award
 2014 Volunteer Recognition Award
 2014 SAC Undergraduate Award
 2014 The June Scott Awards in Statistics
 2014 Hosinec Family Scholarship
 2014, 2013 UTM Student Recognition Award of Achievement
 2014, 2013, 2012 Dean's Honour List
 2014, 2013 Honour Roll – Alpha, Mathematical and Computer Sciences Department, UTM
 2013 Mississauga - Erin Mills Rotary Club Scholarship in Psychology