

Benjamin Fattori

Toronto, ON
Canada
ben.fattori@mail.utoronto.ca

EDUCATION	<i>Honours Bachelor of Science</i> University of Toronto Mathematics Specialist, Physics Major Distinction	2015 - 2020
EMPLOYMENT	<i>Undergraduate Research Assistant</i> Department of Mathematics, University of Toronto	February, 2019 - June, 2019
	<ul style="list-style-type: none">· Helped design a novel model of oscillatory behaviour in the reward pathway of the mammalian brain· Wrote extensive code in MATLAB to implement, analyze and make predictions about the model· Applied techniques learned in differential equations and math modelling courses· Research is ongoing with goal of publishing results in 2020	
	<i>Art of Problem Solving - Grader</i> Toronto, ON	April, 2019 - Present
	<ul style="list-style-type: none">· Responsible for grading student responses to homework assignments· Provide clear and detailed feedback to student submissions· Courses graded include number theory, combinatorics, algebra, and calculus	
SKILLS	<ul style="list-style-type: none">· Python: Experienced; Used alongside Scikit-learn and NumPy, in computational physics courses, mathematics courses and pure CS courses· MATLAB: Experienced; Used in applied math research for simulations, implementing mathematical models and solving differential equations· C#/.NET: Junior Developer	
OTHER SKILLS	<ul style="list-style-type: none">· Problem Solving: Diverse and creative problem solver, comfortable thinking abstractly· Communication: Excellent written and verbal skills· Strong analytical skills: Strong quantitative and analytical reasoning skills· Teamwork: Used to working in groups and collaborating with others on research projects and coursework· Quick Learner: Ability to pick up abstract concepts and apply them to situations quickly	