

Benjamin Fattori

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Canada

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<https://github.com/fattorib>

EDUCATION	<i>Honours Bachelor of Science</i> University of Toronto Mathematics Specialist, Physics Major Distinction	2015 - 2020
FURTHER EDUCATION	<i>Applied Machine Learning in Python</i> University of Michigan, Coursera Course Worked with many popular machine learning models using various Python libraries (e.g. Scikit-learn, Numpy, Pandas, and Matplotlib)	July 2020
EMPLOYMENT	<i>Undergraduate Research Assistant</i> Department of Mathematics, University of Toronto · 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	February, 2019 - June, 2019
	<i>Art of Problem Solving - Grader</i> Toronto, ON · Provide clear and detailed feedback to student submissions · Courses graded include number theory, combinatorics, algebra, and calculus	April, 2019 - Present
SKILLS	· 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 · SQL Server: Experienced	
OTHER SKILLS	· 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	