



WILLIAM HAZEN

Intern

william.hazen@bodhiresearchgroup.com

William Hazen is currently enrolled in the Master of Engineering program at the University of Toronto, majoring in Industrial and Mechanical Engineering. He has recently completed his Bachelor of Science in Physics & Mathematics from the University of British Columbia.

William's strengths lie in computational analysis, linear algebra and probability theory. His primary area of interest during his undergraduate studies was chaos in non-linear dynamical systems, a topic on which he is currently carrying out additional research at the University of Toronto. In his research, neural ODE networks, AI Pontryagin, and machine learning algorithms are used to improve drone flying trajectories for energy conservation. Additionally, William has led a project that uses discrete optimization, linear programming, and a sequential model-based algorithm configuration (SMAC) to minimize the cost of invigilating exams for the Faculty of Applied Science at the University of Toronto.

Apart from his studies, William was a 400m varsity track & field athlete for the University of British Columbia. Additionally, he is an active cyclist such that he has worked with Charlie's FreeWheels, a non-profit group that utilizes bikes to promote youth education and provides youths with the chance to build their own bikes. In his free time, William enjoys playing hockey and guitar, as well as building bikes.