

Katarina Boston Majetic

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EDUCATION

McGill University – Montréal, Canada 2020 – Present
Master of Science, Mathematics and Statistics (Thesis)

McGill University – Montréal, Canada September 2016 – December 2019
Bachelor of Science, Mathematics Major and Economics Minor

Frankfurt International School, Oberursel, Germany September 2010 – May 2016
International Baccalaureate (Bilingual English/French Diploma) and High School Diploma

WORK EXPERIENCE

Department of Mathematics and Statistics at McGill University, Montréal, Canada September 2018 – Present
Grader, Undergraduate Statistics Course (Fall 2019) and Undergraduate Mathematical Finance Course (Winter 2020)

McGill Athletics and Recreation, Montréal, Canada June 2019 – July 2019
Summer Sports Camp Instructor

- Leading and teaching young campers in a variety of sports experiences

Merck KGaA, Darmstadt, Germany May 2018 – August 2018
Intern in Research and Development Controlling (Summer 2018)

- Supported the generation of financial forecasts, actuals on projects and the reversal of Year End Provisions for early stage projects
- Created template and guidelines for the export of actuals from SAP and the Global Clinical Operations forecast
- Tracked Purchase Order Numbers to determine if expected invoices were received and the impact on the forecast

Intern in Quantitative Pharmacology and Drug Disposition/Controlling (Summer 2017) May 2017 – August 2017

- Supported the generation of financial forecasts and cost tracking, and a mathematical algorithm as a basis for project planning and tracking in Global Early Drug Development
- Ran mathematical models to evaluate drug candidate pharmacokinetic performance and biostatistic analysis

McGill University, Montréal, Canada January 2017 – April 2017
Notetaker, Mathematics department in support of the Office for Students with Disabilities

Frankfurt International School, Oberursel, Germany June 2016 – August 2016
Data Engineer Intern

- Created and updated academic classes in the Haiku learning system linked with Veracross database

Merz Pharma GmbH & Co. KGaA, Frankfurt, Germany July 2015 – August 2015
Research and Development Intern

- Expanded knowledge in mathematical modelling and fluid dynamics
- Assisted in research in divisions of the Research and Development department including production of neurotoxin placebo

SONEAN GmbH, Kronberg, Germany June 2014 – August 2015
Summer Data Analyst

- Research into social network analysis for strategy-based consulting
- Brainstormed platform for sharing real time ecosystem intelligence with clients

LEADERSHIP AND EXTRACURRICULAR

Department of Mathematics and Statistics at McGill University, Montréal, Canada

September 2019 – Present

Peer Buddy

- Providing advice and support to a first-year undergraduate student

Institut des Sciences Mathématiques, Montréal, Canada

April 2019

- Panelist in a workshop for girls in CEGEP who are interested in math to encourage young women to continue their study of math

Society of Undergraduate Mathematics Students, Montréal, Canada

January 2017 – April 2019

Vice President, Finance (May 2018 – April 2019)

- In charge of managing the budget, preparing for the monthly audits performed by the Science Undergraduate Society, securing funds, and keeping track of sales and expenditure
- Representative of Mathematics students at McGill University

Vice President, External (Science) (January 2016 – April 2017)

- Liaison between the Science Undergraduate Society and the Society of Undergraduate Mathematics Students as well as representative of Mathematics students at McGill University

Department of Mathematics and Statistics at McGill University, Montréal, Canada

September 2018 – April 2019

Undergraduate representative of the Committee of Equity, Outreach and Student Well-being (EOS)

- Providing advice on how to improve Equity, Outreach and Student Well-being in the Department of Mathematics and Statistics

National Integrative Research Conference, Montréal, Canada

October 2017 – March 2018

Director of Finance

- Secured funds on/off-campus and creating/managing the budget for the conference

McGill Model United Nations Assembly, Montréal, Canada

January 2018/2019

Vice Chair for McGill University's annual University Model United Nations Conference

- Vice Chair of the Lyndon B. Johnson Crisis Committee (2019)
- Vice Chair of the Qatar 2022 Specialized Agency Committee (2018)

Secondary Schools' United Nations Symposium, Montréal, Canada

November 2017/2018

Crisis Staffer, Vice Chair and Coordinator for McGill University's annual High School Model United Nations Conference

- Vice Chair of the SPECTRE Assembly Crisis Committee (2018)
- Crisis staffer of the Joint Crisis Russo-Japanese War 1904-1905 Committee (2017)

McGill University International Buddy Program, Montréal, Canada

September 2017 – April 2018

International Student Buddy

- Provided support and advice to a new international student which required a detailed knowledge of the programs available at McGill

Association for Women in Mathematics (Montréal Chapter), Montréal, Canada

January 2016 – May 2018

Vice President

- Represented interests of McGill mathematics students and educated Montréal mathematics students on new opportunities

Frankfurt International School Model United Nations, Oberursel, Germany

August 2012 – May 2016

Chair and Delegate

- Attended conferences as a delegate and a chair in major European cities with hundreds of participants from a multitude of countries

SKILLS AND INTERESTS

Language Skills: Fluent English and French, Advanced German, Basic Croatian

Computer Skills: Advanced Microsoft Office and R, Intermediate Java, Basic Python

Certifications: German Goethe B1, Certified Scuba Diver

Interests: World traveler – maintained residency in seven countries, Statistics, Skiing, Soccer