

Michael J. Crawford

PERSONAL INFORMATION	3421 Rue Sainte-Famille Montreal, QC H2X 2K6 Born: August 15, 1993	☎ +1 (514) 559-5227 ✉ michael.crawford@mail.mcgill.ca 🌐 http://crawford.io
RESEARCH INTERESTS	Abstract Algebra • Quantum Mechanics • Statistical Modeling • Machine Learning	
EDUCATION	McGill University , Montreal, QC B.Sc., Majors Mathamtics, Minors Physics <i>September 2011 - May 2016</i>	
WORK EXPERIENCE	Editor-in-Chief - The Delta-Epsilon <i>May 2014 - Present</i> Responsible for coding the final 50-page document in L ^A T _E X, performing the final review of all journal submissions, organizing the editorial board and a board of peer-reviewers (graduate students) and procuring funds and sponsorships for printing. Research Analyst - Customer Marketing Group, Inc. <i>September 2014 - Present</i> Researching various statistical and machine learning algorithms that can be used to improve the robustness of financial forecasts when data points are sparse. Analyst Intern - Customer Marketing Group, Inc. <i>May 2014 - September 2014</i> Learned statistical methods in R and Excel used for Pricing Analysis, Account Planning and Trade Fund Management with manufacturers in the Consumer Packaged Goods industry. Developed an application using VBA in Excel which was shipped to the clients and used for Promotional Analysis. Constructed a relational database in PostgreSQL containing POS and Shipment data at the SKU level which was directly linked to R and Excel for local querying.	
PRESENTATIONS	Guest Lecture for Phys 580 , McGill University On the Finite Subgroups of $SU(2)$, McGill University	<i>January 2014</i> <i>May 2013</i>
TEACHING EXPERIENCE	Mathematics Tutor, Canterbury High School	<i>2010 - 2011</i>
CONFERENCES & WORKSHOPS	Undergraduate Research Conference, McGill University Undergraduate Research Conference, McGill University Department of Physics Poster Conference, McGill University National Integrative Research Conference, McGill University	<i>2013</i> <i>2012</i> <i>2012</i> <i>2012</i>
IT AND COMPUTER PROGRAMMING	Beginner: C, Python, R, Git, MATLAB, Java Intermediate: PostgreSQL, HTML, CSS Expert: L ^A T _E X, MS Excel (VBA Macros, PivotTables)	
SKILLS	Passionate about applied and abstract problem solving Committed to collaborating with hard-working, dedicated individuals Used to working long hours and late nights to meet deadlines	
LANGUAGES	English (native speaker) French (professional proficiency)	