
EDUCATION

- **University of British Columbia** Vancouver, BC
Dual Degree in B.Sc. Statistics and B.Mus. General Studies – Piano Concentration *September 2017 – May 2023*
 - **Overall Grade Average:** 86.8%
 - **Coursework:**
 - * *Statistics and Mathematics:* Statistical Inference, Statistics for Applications, Probability, Sample Surveys, Stochastic Processes
 - * *Computer Science:* Software Construction, Algorithms and Data Structures, Numerical Computation
 - * *Music:* Piano Performance (under Amanda Chan), Tonal/Post-Tonal Theory, Music Technology, Music History, Ensembles

EMPLOYMENT

- **UBC Department of Statistics** Vancouver, BC
Teaching Assistant *September 2020 – Present*
 - **STAT 200 Elementary Statistics for Applications:** Preparing and holding labs and office hours, invigilating and marking assignments and exams.
- **UBC School of Music** Vancouver, BC
Private Piano Teacher *September 2019 – Present*
 - **Non-Degree Private Teaching List:** Running a piano studio endorsed by UBC School of Music on its website. Teaching one-on-one piano and theory lessons to students of all ages and levels from the public. Listed as the only undergraduate private teacher for the keyboard division.
- **UBC School of Music** Vancouver, BC
Work Learn Research Assistant, Dr. Ève Poudrier *May 2019 – September 2019*
 - **Modeling Polyrhythmic Experience:** Performed data management, analysis, and visualization using ArcGIS, Vega-Lite, and the R programming language. The results were presented in the 2019 MusCan/CAML conference.
 - **Carter Beat Synchronization:** Generated plots displaying five musical parameters used for comparison analysis of their effect on perceived temporal structure, using the R `ggplot2` package. The analysis results and the data visualization with plots will be included in the future publications of Dr. Ève Poudrier.
 - **Final Report:** Generated a final report elaborating the work done during the Work Learn term, mainly focusing on the two previously mentioned projects, available at <https://miyading.github.io/Final-Report.docx>

SELECTED AWARDS

- **Dean's Honour List, University of British Columbia** *2018, 2019, 2020*
- **Marnie Carter Scholarship in Music, University of British Columbia** *2020*
- **Norah Mansell Music Scholarship, University of British Columbia** *2020*
- **Trek Excellence Scholarship, University of British Columbia** *2019*
- **School of Music International Student Scholarship, University of British Columbia** *2019, 2020*
- **Maurice Taylor Scholarship in Music, University of British Columbia** *2019*
- **S. Cyril Maplethorp Memorial Scholarship in Music, University of British Columbia** *2018*
- **Outstanding International Student Award, University of British Columbia** *2017*
- **Top 25% of contestants in the Euclid, Hypatia, Fermat, Cayley, Galois Contests** *2015, 2016, 2017*
- **Duke of Edinburgh Silver Award** *2016*

SKILLS

- **Statistics:** Data analysis (R, Excel), data visualization (R, Excel, Vega-Lite, ArcGIS, Carto), planning and practice of sample surveys, statistical inference (maximum likelihood estimation, Bayesian inference, etc.)
- **Programming:** R, Java, Racket, C++, Vega-Lite, L^AT_EX, software engineering, algorithm design and analysis
- **Languages:** English, Mandarin, Spanish
- **Others:** Strategies for university writing, Piano performance and education, latin dance (WCDF Gold Level)