



VIVIENNE CROWE

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SOFTWARE AND LANGUAGES

- R
- Mathematica
- MATLAB
- Python
- SnapGene
- MAPLE

RESEARCH EXPERIENCE

HUSSIN & CRAIG LAB | SUMMER 2020

- Developed a mathematical model of intra-host evolution of SARS-CoV 2
- Presented findings at NIMBioS Undergraduate Research conference
- Awarded IVADO Undergraduate Introduction to Research Scholarship

POTVIN LAB | SUMMER 2019

- Worked on project to design and clone a synthetic gene circuit
- Awarded Concordia Undergraduate Student Research Award (CURSA)

OTHER SKILLS AND EXPERIENCES

- Copenhagen Bioinformatics Hackathon: Machine Learning and Proteins - Mentor's Pick Award Winner
- Conversational French and Spanish
- Space Concordia - Satellite Division, Payload Team member
- Math tutor for 5-15 year olds
- English teacher's assistant for 6 months in Argentina

EDUCATION

CONCORDIA UNIVERSITY | 2018 - PRESENT

B.S Major in Mathematics and Statistics, Minor in Biology

- Probability I & II
- Linear Algebra I & II
- Multi-variable Calculus I & II
- Molecular and General Genetics

ST ANDREW'S CATHEDRAL SCHOOL | 2013-2015

International Baccalaureate: 34/45

- Honors in Theory of Knowledge and Extended Essay
- Theatre: 'Hayfever' 2014, 'Life Without Me', 2015, 'Under Milkwood', 2015
- Student mentor and organiser of 'Give Back Group'