

HAIDER MIRZA

3B BIOCHEMISTRY (8 MONTH CO-OP)

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WORK EXPERIENCE

09/2020 - 12/2020	University of Waterloo (Chem Dept) Online Learning Assistant (OLA) - Used effective time management skills and knowledge of the Bongo Software to create video assignments for 50+ students
01/2019 - 04/2019	UWAFT <i>Hybrid Car Electrical Design Co-op</i> - Immaculately built and heat shielded 30 wire harnesses to be integrated into a hybrid car - Redesigned the car's PCB board with great precision
05/2018 - 08/2018	BTNX.INC <i>Research Assistant/Quality Control Technician</i> - Researched different drugs of abuse and their respective metabolites as part of the research team in order to update our product inserts - Developed various drug controls in order for customers to operate our drugs of abuse readers with limited error

EDUCATION

07/2018 - PRESENT	Biochemistry (Biotech and Bioinformatics Specialization) University of Waterloo
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COURSES

Biochemistry: Thoroughly studied protein folding, protein structure and interaction

Bioinformatics: Used computational tools to analyze DNA, RNA and protein sequences

Analytical Chemistry: Deep understanding of wet-lab techniques such as gravimetric analysis and instrumental lab techniques such as HPLC, GC/MS and SPME

SKILLS

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| <ul style="list-style-type: none">• R project• Python• BLAST• Ion chromatography• Gel electrophoresis | <ul style="list-style-type: none">• HPLC• GC/MS• SPME• Microsoft Office(Word, Excel) |
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