

Elton Kok

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EDUCATION

Candidate, Honours Bachelor of Science

September 2014 – Present

University of Toronto Scarborough

- Double Major in Biochemistry Co-op and Human Biology, 4th year
- CGPA 3.90/4.0

SUMMARY OF SKILLS

- Extensive wet laboratory skills in both molecular and microbiological laboratory techniques, including risk group 2 pathogens, from both industry and academic laboratory settings
- Exceptional teamwork skills working successfully along with TAs to provide student feedback to the course instructor and mentor students in Python 3
- Excellent organizational skills and attention to detail by creating a well dated, highly organized laboratory notebook documenting all results and procedures as per GDPs
- Proficient in programming with Python 3 and Matlab for object-oriented programming and population modelling

INDUSTRY WORK EXPERIENCE

Co-op Student, Analytical Research and Development

May 2017 – April 2018

Sanofi Pasteur Limited

- Performed various molecular biology techniques such as PCR, qPCR, ddPCR, DNA extractions, and gel electrophoresis for analytical assay development
- Utilized critical thinking skills to interpret data and unexpected results to determine possible issues and next steps in the experiment
- Developed teamwork skills by communicating and reporting results to team members/supervisor and discussion of next steps in biweekly meetings
- Exceptional written communication skills drafting multiple written protocols and reports for assay development

Co-op Student, Quality Control Chemist

September 2016 – December 2016

Apotex Inc.

- Performed various tests on 15-20 pharmaceutical drug samples in a day to ensure products were within specification and safe for patients to consume
- Documented and compiled all observations and data obtained from testing as per established SOPs (Standard Operating Procedures) and GDPs (Good Documentation Practices)
- Performed calibration of different analytical instruments such as analytical balance, Karl Fischer titrator, and pH meter

OTHER WORK EXPERIENCE

Teaching Assistant – Introduction to Computer Science

September 2018 – Present

University of Toronto Scarborough

- Co-lectured to approximately 150 students and communicated with them to clarify misunderstandings
- Mentored students on basic Python syntax and developed their problem-solving skills using programming
- Communicated with a team of TAs in weekly meetings to provide feedback about students to the course instructor

Research Assistant – Harrison Lab

May 2018 – Present

University of Toronto Scarborough

- Assisted graduate student project on examining the effects of cannabis on osteoclasts by fixing and staining cells using TRAP stain
- Utilized the Spinning Disk Confocal Microscope to acquire z-stacks of up to 25 cell images per day with great efficiency to assist with graduate student project data collection
- Organized and created an inventory spreadsheet of all reagents in the lab that tracked volume, location and expiry, resulting in an overall increase in work efficiency in the lab