

Curtis Fox
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Objective To obtain a Master's and Doctorate degree in computer science or statistics

Qualifications and Technical Skills

PROGRAMMING LANGUAGES

MATLAB
Java
Julia
SQL
C/C++
Python
JavaScript
TypeScript

TOOLS/ENVIRONMENTS

Eclipse
IntelliJ
Genymotion
LaTeX
Jupyter
Microsoft Office

Education

University of British Columbia

Sept 2014 – present

- Bachelor of Science – Combined Honours in Computer Science and Statistics
 - Cumulative Percentage Average: 84%
 - Relevant Courses
 1. Computational Optimization – CPSC 406
 2. Statistical Inference/Theory I – STAT 460/560 (Graduate level)
 3. Statistical Inference/Theory II – STAT 461/560 (Graduate level)
 4. Scientific Computing and Numerical Linear Algebra – CPSC 302
 5. Algorithm Design and Analysis – CPSC 320

Experience

Teaching Assistant - STAT 302

Jan – Apr 2017

University of British Columbia

- Routinely moderated Piazza, an online class discussion forum, answering students' questions in a timely manner and improving the overall response rate
- Helped students solve problems during lecture activities and ensured the smooth progress and productivity of the class
- Efficiently and accurately graded exams, contributing to a faster exam return rate

Teaching Assistant - STAT 200

Jul – Dec 2016

University of British Columbia

- Assisted with the running of lecture activities, which involved helping students solve problems and ensuring the smooth progress and productivity of the class
- Efficiently and accurately graded exams and assignments, contributing to a faster rate of

- assignment/grade returns
- Routinely moderated Piazza, an online class discussion forum, answering students' questions in a timely manner and improving the overall response rate
- Prepared answer keys for assignments, which required acute and accurate knowledge of the course material

Teaching Assistant - CPSC 110

Sept 2015 – Apr 2016

University of British Columbia

- Worked in a team of fellow teaching assistants to run course labs, which included teaching core course concepts, guiding students with lab problems, and grading
- Efficiently and accurately graded exams, contributing to a faster exam return rate

Projects

Hotel Manager (Academic Project)

Jan – Apr 2017

- Used Java/JDBC and SQL to create a web application that allows different levels of users to query data related to hotel room reservations

Mind the Gap (Academic Project)

Sep – Dec 2015

- Used Java to create a mobile application (Android) that receives and displays real-time transit information on a map widget, complete with user location, train station and line views, and upcoming arrivals by time
- Parsed and displayed data from JSON provided by an external web service
- Defined and executed JUnit test cases, resulting in complete code coverage
- Configured Genymotion to test and run the application on an Android device, along with mock GPS locations

Awards and Honours

Dean's Honour List

2016

- Given for achieving an 83% percentage average in second year at UBC

Trek Excellence

2015

- Given for being in the top 5% of the undergraduate year, faculty, and school

Dean's Honour List

2015

- Given for achieving an 89% percentage average in first year at UBC

References

Available upon request