

WAQAS SHAIKH

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Education

York University- 09/2020- 04/2024 (expected)
Bachelor of Arts (Hons) in Information Technology

GPA: 4.25/5

Major Courses: Data Analytics, Designing Database Systems, System Analysis and Design, Data Communications and Networks, IT Risk management

Craig Kielburger Secondary School- 09/2017- 06/2020
Ontario Secondary School Diploma (OSSD)

Major Opted Courses: Computer Science, Physics, Chemistry, Mathematics

Grade: 87%

Awards: Ontario Scholars Award

Professional Summary

Motivated and knowledgeable Third year- Information technology student with majors in risk management and networking, seeking an internship opportunity to apply theoretical knowledge into real- world settings. Skilled in analyzing security risks, threat analysis, monitoring incident responses, and possess knowledge of implementing industry- standard security techniques and tools. Eager to enhance my skills and gain hands-on experience in the world of IT.

Projects and Experience

1. Object Oriented Programming for a Smart Home Controller

- Demonstrated through the use of Observer, Decorator, and Adapter patterns for efficient coding and maintenance
- Demonstrated quality scenarios, with architectural tactics in place for the patterns in use
- Assisted my project team in setting the direction of the end goal
- Contributed with initial and final designs with codes, making sure the deadlines were met.
- Outcome: A grade

2. IT Risk management, Equifax 2017 Data Breach

- Used the LMCK model to demonstrate the phases of attacks, by segmenting the various process according to the model provided.
- Created a 17-page case analysis, with an In- depth report, emphasizing on root causes, possible attacks, risk management techniques, and possible prevention tools to prevent future loss for Equifax.
- A security Road Map was proposed, ranking the intensities, priorities, and mechanisms in place
- Led my team towards the highlights of the case, and proposed the risk management techniques needed
- Outcome: A grade

3. Data Analytics, Python (Google Collab) to input missing Datasets

- Used visualization tools, estimations, and approximations to fill in the missing datasets with the help of the vast number of Datasets given
- Created Python graphs and plots to estimate the Cross Error rates.
- The Agile methodology of Scrum was used to go through a sequential flow, progressing each step.
- I took initiative of working on the specific data, collaborating many times of the days to make sure our team was right on track, and presented our end solutions to our fellow mates.
- Outcome: A+ grade

Skills

- Coursework programming experience in Java, MATLAB, MySQL, and Python.

- Strategic and Critical thinker for solving problems and case Studies.

- Highly Organized with personal and professional relation building goals.

- Strong communication skills from a customer service work experience.

- Highly proficient in MS Office Suite Applications (Word, excel, powerpoint, etc)

- Coursework knowledge of networking standards and techniques.