
Jason Ma

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HIGHLIGHT OF QUALIFICATIONS

- Technical, Analytical with creative problem solving and client-facing experience
- Solid background of mathematics, statistics, data analysis, and data visualization
- Experienced in IT cybersecurity, software development, and QA analysis
- Proficient in **Python (Matplotlib, Pandas), SQL**, R, Power BI, Advanced Excel (VBA macros, Pivot Table)
- Ability to work on multiple tasks to meet deadlines in a fast-paced environment
- Self-starter, team player with strong leadership and communication skills
- Outstanding internship performance and academic standing of 3.99 / 4.0

PROFESSIONAL EXPERIENCE

Software Engineer Intern, R&D

06 / 2021 – 08 / 2021

NSFOCUS Technologies, China

- Loaded cybersecurity logs into Industrial Network Security Platform (INSP) using Python scripts
- Performed log testing to ensure system security, logged cybersecurity issues into different categories
- Executed Linux commands to install and configure INSP, automated CI / CD deployment using Python
- Configured TCP, UDP on listening port, connection numbers and speed for client side and server side
- Monitored connection status and escalate issues to backend development team
- Documented 123-page user guides, 24-page system installation manual

EDUCATION

Bachelor of Science, University of Toronto (St George)

Expected Graduation: 09 / 2024

Major: **Mathematics and Statistics**

- GPA: 3.99 / 4.0
- Coursework: Time series data analysis, multivariate data analysis, regression analysis
- Awards: Dean's List 2020, Dean's List 2021

PROJECTS

Python | Data Analytics Project Lead | Auto Theft Data Analysis in Toronto

- Collected auto theft incident data from Toronto Police Service in CSV
- Performed data profiling and visualized key feature variables in Python
- Analyzed time of incidents (month, day, hour) and location (division, hood, premise type)
- Normalized gap of the reported day and incident occurrence day
- Visualized results using python plots (histogram, line, bar, scatter)

COMPETITIONS

- Third place in the SCOPE Finance Case Competition
- Top 25% in the Fermat math competition

EXTRA-CURRICULAR ACTIVITIES & INTERESTS

- Volunteered with Daily Bread Food Bank
- Interests: basketball, soccer, movies, board games, bakery, Rap