Tyler G.Q. Liu

1B Computer Engineering
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Summary of Qualifications

- Experience with **Java** and **C++** through various courses and personal projects
- Works effectively under pressure, as shown through experiences at York Region Transit
- Strong **interpersonal skills** as developed through experiences at Princess Margaret Cancer Centre
- Comfortable working in group settings from coaching and working in a lab
- Eager to gain new knowledge, as shown through lab work

Experiences

Transit Management Systems (January—April 2017)
York Region Transit

- Created and conducted test cases for new mobile fare payment app
- Conducted corporate training on mobile fare payment
- Designed mockup of PRESTO instruction sticker for bus stops
- Serviced fare machines in a thorough and timely manner

Research Assistant/Database Developer (July—August 2015)
University of Toronto

- Completed a plasmid database that received excellent reviews from lab members
- Resulted in greater time efficiency, as observed by users
- Aided a graduate student with his research projects by performing portions of experiments
- Studied methods of genetic modification using restriction endonucleases

Navigator
Princess Margaret Cancer Centre (2013—2015)

- Reassured nervous patients and their families
- Escorted patients to their appointments
- Worked in tandem with the front desk to deliver exceptional service and care to patients

Assistant Coach (July—August 2014)
Richmond Hill Phoenix Baseball Club, Peewee Division

- Instilled basic skills and a love of the game in players aged 12 and 13
- Organized practices with the other coaches

Projects

- Created a baseball simulation game using Java. Demonstrated understanding of JFrames and JPanels to create the game environment using Eclipse IDE

- Created sample Android apps through Google-Udacity Android development course

Activities & Interests

- Baseball
- Chess
- Sports Analytics and Sabermetrics