

YUQI (AMY) LIANG

LinkedIn [/in/amy-yuqi-liang](#) | Website [amiaxys.github.io](#) | Email [amyuqiliang@gmail.com](#) | Phone +1 647-803-2692

TECHNICAL SKILLS

- **Languages:** Java, Groovy, Python, C, HTML, CSS, JavaScript, Lua
- **Other:** SVN, Git, JSON, Android Studio, Firebase Realtime Database, Jira, VSC

EDUCATION

Honours Bachelor of Science, Computer Science Co-op

Sep 2020 – Present

University of Toronto Scarborough, Scarborough, ON

- **Awards:** University of Toronto Entrance Scholarship, Dean's List 2021
- **Culminative GPA:** 3.2/4.0

PROJECTS

Personal Website

April 2022

- Created a simple **website** to hold a resume and portfolio using **HTML**, **CSS** and **JavaScript** for a co-op course

Appointment Booking Application

July 2021 – Aug 2021

Software Design, University of Toronto Scarborough, Scarborough, ON

- Developed a mobile **Android application** using **Java** and **XML** to book doctors' appointments, create accounts for users, check schedules and received full marks
- Debugged and performed unit and interface testing using **JUnit** and **Espresso** on the application, creating seamless and safe-to-use code
- Used the version control system **Git** and **GitHub**, easing collaborative coding and keeping organized records
- Using **Object-Oriented Programming** principles and the **Model-View-Presenter** design pattern, group members created organized and clean code
- Stored data in a **Firebase database** and used asynchronous functions to call the information, making for easy storage and an uncluttered workspace
- Managed group through the **Scrum methodology** and kept organized records of work done, improving productivity and allowing for exact deadlines

Graffiti Social Media Network

April 2021

Introduction to Computer Science II, University of Toronto Scarborough, Scarborough, ON

- Coded a social media network using **C**, succeeding in implementing the ability to create users, follow others, get suggested friends and more
- Knowledge of **C**, **Visual Studio Code** and high-level programming concepts made for clean and easy-to-use code

Twitterverse Program

Dec 2020

Introduction to Computer Science, University of Toronto Scarborough, Scarborough, ON

- Developed a smaller-scale **Twitter query program**, succeeding in implementing all important functions and filters
- Knowledge of **Python** structure and formatting made for clean and easy-to-read code

Via Viridis Game

Nov 2020

- Programmed a prototype game using **Lua**, shortening period of planning and learning TIC-80 and Lua through creation
- Created multiple outlines for the game and recorded useful resources, making transitions between different stages and languages seamless and quick
- Developed memorable **character sprites** and **setting art** that were complimented for their creative appearance

Team Battle Game

Dec 2019 – Feb 2020

Computer Science, Bill Hogarth Secondary School, Markham, ON

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- Used **Java** and **JavaFX** to code mechanics and GUI of the game, acquiring grades in 90s
- Managed a three-month Java project with specific deadlines and meetings aligning with the **Software Development Life Cycle (SDLC)**, and received commendations for completing more of the game than was predicted to be done

EXPERIENCE

RBC Developer Co-op

Sep 2022 – Dec 2022

Hybrid

- Fixed **script** and **regex filter** defects within **ServiceNow**, decreasing chance of error and increasing platform efficiency
- Developed a **mobile** version of **MyMarketplace** called Now Mobile, increasing employee travel productivity and improving accessibility to tasks and requests
- Presented **Now Mobile application** to RBC executives and internal employees, receiving overwhelmingly positive feedback on project

Innovapost DevOps Engineer Co-op

Jan 2022 – April 2022

Remote

- Wrote **Groovy** scripts for Jira and Confluence **ScriptRunner**, automating manual processes and increasing work efficiency
- Administered **Jira** and **Confluence** and completed service requests for Canada Post employees, increasing productivity and improving organization of projects and tasks
- Created monthly **KPI reports** using Confluence, Jira filters and PULSE event search, enhancing month-end review and keeping a systematic record of team activities

Markham Food Bank Volunteer

Aug 2018 – Sep 2019

Markham, Ontario

- **Communicated** instructions and concerns with volunteers and supervisors, increasing the speed of grocery assembly for clients
- **Collaborated** with students and employees to stock food and provide to those in need, alleviating burden on staff
- **Managed** and set punctual time limits on delivery and packaging, improving client satisfaction and shortening preparation period