Cheryl Lao

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Education

H.B.Sc. Computer Science | 2015-Present | University of Toronto, Victoria College
· Specialist in Computer Science, Minor in Mathematics
· **President** and **Founder** of Computer Graphics Club
· **Vice President** of Computer Science Student Union
· Dean's List, Canada Chinese Computer Association Scholarship in Computer Science, Friends of Victoria University Library Scholarship, President's Entrance Scholarship
· Relevant Courses:
    o Intro to Computer Science (Python)
    o Software Design (Java and Git)
    o Software Tools and System Programming (Bash and C)
    o Interactive Computational Media

Experience

Software Designer | NOKIA **| May 2017-August 2017 | Ottawa ON, Canada**
· Wrote various **python** and **bash** scripts used in daily build testing of **Robot framework** tests
· Worked in Linux (Red Hat) environment
· Improved work efficiency by automating common tasks such as installing new builds of our product, setting up passwordless login between network computers and modifying CSAR files for product installation
· Mentored other summer students and taught them about the **Robot framework** as well as **bash scripting**

President | University of Toronto Computer Graphics Club | September 2016-Present | Toronto ON, Canada
· Took the initiative to start a club that explores computer graphics from both the computer science and artistic perspective.
· Coordinated tech talk and graphics lab tour with professors and grad students in the department.
· Worked with vice president to create and maintain utcg.club using **HTML, CSS** and **JavaScript**

Projects

Idyllic Island | **Unity 2D and C# | Educational Game Design Research Project**
· Supervisors: Steve Engels and Daniel Zingaro
· Applied modified agile development methodologies to deliver an improved game for beta testing regularly.
· Designed and implemented an animal population balancing game in **C#** that followed the Ontario grade 6 biodiversity curriculum.

SiteScrubber | **JavaScript | Chrome Extension**
· **Winner** of *Organizer's Choice (3rd)* and *Best Hack Against Harassment* at The Lady Hacks I.
· Our team implemented a chrome extension that searches for any profanities on webpages and seamlessly replaces them for less offensive equivalents.
· Implemented the word recognition and replacement functions
· Available on the **Chrome Web Store** as SiteScrubber

PhotoRenamer | **Java | Java Application**
· Stores a user's information to easily tag and rename photos in a file system.
· Tested with JUnit, used Java serialization to permanently store tags and logging to keep track of changes.

Technical Skills

· Python
· Java
· Shell Scripting
· Some experience in C and C#
· Basic HTML, CSS and Javascript

· Git Version Control
· Unix
· Robot Test Automation Framework
· Unity Game Engine
· Adobe Photoshop