CHENYAO YANG

Computer Science, Honours, Regular program ✣ University of Waterloo ✣ ID# 20510283

cyyang.info

↓ SKILLS ↓

Programming	C++	C	JAVA	Go	OpenGL	Swift	Objective C
	MATLAB	SQL	React	JavaScript	HTML	Python	LUA
	SCHEME	BASH	Shell	Git	Photoshop	Blender	Latex

↓ EDUCATION ↓

University of Waterloo

Candidate for Bachelor of Computer Science, Combinatorics and Optimization Minor
Computer Science, Honours, Regular Program, University of Waterloo, Waterloo, Ontario   Class of 2017

↓ EXPERIENCE ↓

Member of Technical Staff, Cohesity Inc, Toronto, Ontario, Canada   Mar 2019 – Now
- Participate in the design, development, automation and customer field issue of Oracle Data Platform and Oracle DMAAS
- Learn and participate in how to design and develop under large scale and highly available distributed systems
- Experienced in agile development and able to adjust rapidly based on priority

Full-Stack Programmer, Rhino Active, London, Ontario, Canada   Feb 2018 – Mar 2019
- Familiarity with IOS and Android Development
- Learning and Using React for Front-End development
- Participate in entire app and website development cycle, Understand key request from the client

Application Engineer(Intern), TCL Corporation, Nanshan, Shenzhen, China   Mar 2015 – May 2015
Include two weeks android development training
- Designed, implemented and bug fixing on an existing large-scale Android tablet application

Computer Science Tutor   Jan 2014 – April 2014
- Teaching University of Waterloo student learning Scheme and help students score over 90% in Final Exam

Relevant Project

"Oracle Data Protection v2" (C++) – Cohesity Oracle data protection platform   May 2022
- Design, develop and testing on new oracle data protection workflow that prevent data fuzziness and etc.

"Data Management as a Service (DMAAS) on Oracle" (C++) – Cohesity on cloud data protection service   Feb 2021
- Design, develop and add e2e testing for Oracle SBT backup and recovery on DMAAS

"Oracle Data Protection" (C++) – Cohesity Oracle data protection platform   May 2019
- Design, develop and test Oracle data protect, recovery and clone on Linux, Windows and AIX
- Improve product visibility, usability, debugbility and source priority management

"SQL Data Protection test and Automation" (Go) – Cohesity MsSql data protection platform   Mar 2019
- Design cases and test MsSQL data protect, recovery and clone workflow.

"My1Card" (ReactJS) – Web App for mobile business card   Nov 2018
- Structuring and build part of App and entire Portal using ReactJS

"Conestoga Student Inc." (Swift) – IOS app for Conestoga college student   Jul 2018
- Structuring and build entire App using Swift

"Dixie Mall Game" (Swift) – Touch Screen Game on Mac   Jul 2018
- Structuring and build entire Game using Swift with SpriteKit

"RPC" (C++) – Implement the RPC and Dynamic Binder to connect multiple Server and clients   Jul 2017(Fall 2017)
"Basketball Shooting Game" (C++) - A 3D graphical game based on OpenGL   April 2017(Winter 2017)
"Ray Tracing Project" (C++) – A self-developed ray tracing rendering system   Mar 2017(Winter 2017)
"Concession Service" (µC++) – A concurrent and parallel program to handle asynchronous problem   Nov 2016(Winter 2016)
"Natural Language Generation" – Generate human-like language (OWL) based on data   Nov 2016(Winter 2016)
"Router" (Java) - write a program to find shortest routing path on the network   Nov 2016(Fall 2016)
"Arkanoid Battle" (Java) – Remote battle android game with AI enemy and self-build physical system   May 2016(Spring 2016)
"OS161" (C) – Thin 32bits MIPS operating system supporting multiple processors   Feb 2016(Winter 2016)
"WLP4 Compiler" (C++) - write a simple version of "C likes" compiler   Oct 2015(FALL 2015)

Relevant Course

Computer Graphics	Algorithm design and analysis	Operating Systems
Distributed System	Computer Network	Object-Oriented Software Development(OOD)
Artificial Intelligence	Concurrent and Parallel Programming	Computational discrete optimization
Database management	Network flow	Software Design and Architecture
Numerical computation	Data Structures and Data Management	Elementary Algorithm Design & Data Abstraction
Design Functional Programs	Computer Organization and Design	Foundations of Sequential Programs