

kevin chik

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SKILLS

Java
C++
Python
JavaScript
React Native

EDUCATION

University of Waterloo

2017-2022
Bachelor of Applied Science in
Computer Engineering

AWARDS

Magna Family Scholarship

Awarded to 20 direct relatives
of Magna employees from
Canada and the US

INTERESTS

Choreographed Dance
Dragon Boat

EXPERIENCE

Software Developer

Marsh & McLennan Companies, Winter 2018
Developed POC for mobile application in React Native and Java to
communicate with backend web services
Automated issue logging in Excel and JIRA using Selenium Java
Created continuous delivery pipelines using Apache Ant and GOCD

Lifeguard and Swim Instructor

Elgin West Pool, September 2016 - June 2017
Resolved patrons' complications effectively to improve customer
satisfaction
Communicated with other lifeguards to ensure safety of swimmers
Completed report cards under strict deadlines to document student
progress

PROJECTS

Self-Improving Car Simulator

Created an object-oriented game to simulate driving over randomized
terrain using Java and JBox2D
Applied a self-improving genetic algorithm to optimize vehicle
characteristics
Implemented feature to support user created terrains
Designed simulation display and menu using JavaFX

Omega2 Smart Alarm

Track and analyse sleeping patterns using C++
Parsed JSONs from restful API using Python
Implemented a LCD screen to display information

McDonalds Minecraft Mod

Modified existing Java code for the videogame Minecraft
Created JSONs to map 3D models
Implemented classes from source code to create new blocks and items

Star Hop

Created an object-oriented jumping game on Android
Implemented multi-threading to run game loop and animations
Developed physics engine features including gravity simulation

Chat App

Created client infrastructure for a real-time chat software
Designed back-end architecture for client to relay information with the
server
Developed chat box and menu using JavaFX