

kevin chik

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SKILLS

Java
Kotlin
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

Marsh & McLennan Companies

Software Developer, Winter 2018
Created app
Issue Logger
GOCD

Elgin West Pool

Lifeguard and Swim Instructor, 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

Arduino Smart Alarm

Created an Arduino alarm that tracks and analyses a user's sleeping
patterns
Called a restful API to obtain daily forecast
Implemented a LCD screen to display information

EvoMobile

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

Bee Harmony

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

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