ROBYN CHING
2A Systems Design Engineering

WORK EXPERIENCE

Frontend Developer ⤴
Peekapak | Sept 2018—Dec 2018

- Brainstormed game features for MyPeekaville
- Adjusted structures and files to accommodate new content
- Modified licensing keys to unlock certain levels of content
- Restored and contributed to Peekapak Publisher (~90% functional)

Software Developer
CIBC Live Labs | Jan 2018—Apr 2018

- Developed minimum viable products
- Built apps for Android and iOS
- Programmed RESTful APIs with Spring Java for apps
- Implemented Amazon Rekognition API, Blockchain, bitcoinj, AWS
- Connected hardware to Raspberry Pi using Node.js
- Set up pipelines to deliver products to consumers
- Practiced test-driven development and pair programming

PROGRAMMING PROJECTS

Personal Website ⤴
Personal Use | May 2018–Jan 2019

- ReactJS App displays personal and project information from JSON files
- Created with HTML, ReactJS, SCSS and Bootstrap. Hosted by GitHub.

Terrible Resume Generator ⤴
Game Jam Waterloo | May 2018

- Website takes user input and generates a downloadable terrible resume
- Received first place
- Created with HTML, JS, Bootstrap and PHP

Fowl Play Game ⤴
Game Jam Waterloo | May 2018

- Programmed 2D platform character movement, game character management and inventory system
- Received FEELS? award
- Created on Unity in C#.

Flashcard Program
Mary Ward Catholic Secondary School | Mar 2017—Jun 2017

- Runs and customizes flashcard decks
- Created on Visual Studio 2017

Grade Tracker Program
Mary Ward Catholic Secondary School | May 2016

- Records grades, calculates course and grade averages
- Created with Python

CONTACT INFO

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Personal Website

GitHub

LinkedIn

TECHNOLOGY

- Java Spring
- Android Java
- C++
- React JS
- C#
- SolidWorks
- Visual Studio 2017

EDUCATION

Bachelor of Applied Science
Systems Design Engineering
2022

ACHIEVEMENTS

Student Achievement Award
CIBC LiveLabs | 2018

First Place
Terrible Resume Generator
Terrible Hacks XII | 2018

FEELS? Award
Fowl Play Game
Game Jam Waterloo | 2018

President's Scholarship
University of Waterloo | 2017

INTERESTS

- Board games
- Sudoku/Crosswords
- Food enthusiast
- Knitting/Crocheting