

Karlos Abellanos

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EDUCATION

Bachelor of Science, Major in Computer Science (Co-op Option) 2016-Present
University of Manitoba, Winnipeg, MB.

High School Diploma (Cum Laude), Vincent Massey Collegiate 2012-2014

PROJECTS

Omimi web/mobile app (Software Engineering 2 Group Project) January 2019

- Tasked with creating an iOS app for a server-based (AWS) real-time app involving on-demand couriers and users posting requests in a request board for instant courier service

Track It Fitness App (WIP - Personal Project) December 2018

- Implemented a Mobile app with React Native that assists users in adapting a healthy lifestyle through body weight tracking, calorie intake tracking, and uploading progress photos

Interactive Website Portfolio (Personal Project) December 2018

- Completed a Web app written in HTML/CSS/JS, and Jekyll theme that showcases personal portfolio through an interactive website hosted with GitHub Pages

Flashcards quiz app (Software Engineering 1 Group Project) May 2018

- Collaborated with six people to write an Android app using Android Studio/Java that creates various types of quizzes and flashcards with the goal of aiding students in their studying

Multiple Choice Quiz generator (Personal Project) December 2016

- Built a program in C that generates a multiple-choice quiz by parsing a text file to aid me for my final exams

TECHNICAL SKILLS

Programming

Practical experience: Java, C, C++, OOP, JavaScript, HTML, CSS, Swift, React Native, NativeScript, MVC, Agile development methodologies, 2D/3D Graphics rendering

Course knowledge: Ruby, Python, Assembly Language, Database Concepts & MySQL/MariaDB, Distributed Computing, Amazon Web Services (AWS), N-tier architecture

Familiar with: low level design patterns, NativeScript, Shopify, Jekyll theme, React, REST APIs

Software

Practical Experience: GitHub version control, Xcode, Android Studio Visual Studio Code, Eclipse, Dr. Java, GitHub Pages, Processing, Word

Familiar with: Excel

Operating Systems:

Practical experience: Windows 8/10, Mac OS

Familiar with: Unix, Linux, Windows 7, Vista

WORK EXPERIENCE

Restaurant Waiter / Runner

Parkway Retirement Community

April 2016 – August 2018

Winnipeg, Manitoba

- Served 50 - 70 residents every evening in a retirement community by taking their orders and running their meals multiple times a week to help them meet their daily nutritional requirements and entertain them during their dinner

Sales Associate

Marshalls

February 2014 – April 2016

Winnipeg, Manitoba

- Assisted 80-100 customers a day at Marshalls by helping them as they shop, organize merchandise on the sales floor, and operated the Point of Sale system three to five times a week to provide top-notch customer service and meet our daily sales quota

VOLUNTEER EXPERIENCE

Student Tour Guide

University of Manitoba Volunteer Program

September 2016

Winnipeg, Manitoba

- Guided several first-year Students during orientation by providing them a tour around the campus as well as providing them tips on how to do well in university

Basketball Coach

Earl Grey Community league

February 2013 – May 2013

Winnipeg, Manitoba

- Coached 10 kids aged 13-15 years old in a community league by running various drills and doing circuit training twice a week to prepare them for their games

Fundraising Event Volunteer

Osborne Fire Station

April 2012 & 2013

Winnipeg, Manitoba

- Volunteered, with friends, to fundraise at the Osborne Fire Station by asking passing by commuters and pedestrians to donate money to raise money and awareness for people suffering with Muscular Dystrophy

INTEREST AND ACTIVITIES

Self-Learning: Commit a few hours of my day researching and learning new frameworks outside of school. Learned JavaScript, HTML, & CSS which we're applied to create a personal website portfolio to gain experience in web development. This knowledge was further expanded by learning React Native and NativeScript to design and implement a personal app called 'Track It' with the goal of aiding myself and other people in their fitness lifestyle. In addition, I learned how to use Swift and Xcode by buying a Bootcamp course from Udemy which helped me in Software Engineering 2 as I'm delegated to implement the iOS app while collaborating with 8 other members. And Lastly, did research about using Shopify and setting up an online store which led to following a tutorial online on how to set up an eCommerce web app from scratch using React Redux.

Fitness: Dedicate myself through intense two to four hours of training five to six times a week to Powerlift, Body build, and box. Requires very strong time management skills to fit training time with school, the discipline to track diet daily and the ability to adapt to the intensity of workouts.

Travelling: Organize vacation trips with my friends every year to give ourselves a break from stress and more importantly, strengthen friendships. Most of our recent trips have been in New York, Chicago, Philadelphia, and Los Angeles.