

PAUL ADRIAN ALCORAN REYES

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Education

Bachelor of Science in Computer Engineering

University of Manitoba

Expected Graduation: May 2025

Engineering Work Experience

Programmer Co-op Student

September – December 2021

Agriculture and Agri-Food Canada Winnipeg, Manitoba

- Trained in JavaScript/JavaScript Vue to create a front-end design and Grails for back-end design of an application that accepts a user's data input and stores it in grails server.
- Created a flowchart using mermaid-js to track design progress/changes and if-statements choices.
- Used Microsoft Word, Excel, and Access to receive, send, and transfer data in the company's database
- Self-trained in Visual Basic for Application (VBA) for analyzing, implementing, and optimizing new functions.
- Modified Bridge app in VBA that transfers manually inputted data from one excel source file onto a targeted excel file.

Engineering Projects

Electronic Lock

September–December 2020

Digital Logic Systems Course Project

- Created an electronic lock using DE-10 board and Verilog Code.
- Collaborated with fellow team members to plan and find solutions within the given time available.
- Gained knowledge working with FPGAs and Verilog.

Pick & Drop Mechanism

January-April 2020

Design in Engineering Course Project

- Programmed four servo motors and RBG sensor using Arduino to create a pick and drop mechanism with recycled materials
- Collaborated with other team members to brainstorm solutions to problems.
- Written reports and comments about the progress to other team members in a simple manner.
- Troubleshooted the program with extensive patience.

Other Work Experience

Audio Visual Technical Support

August 2018 – Present

ZION Apostolic Church

- Set-up and tear down audio/visual equipment for worship and preaching on a weekly basis.
- Designed preaching presentation for every sermon using PowerPoint and digital materials from pastors.

Fast Food worker

July 2021 – September 2021

Jollibee Northgate

- Maintains high standards of customer service during high-volume and fast-paced operations.
- Greeted customers with a jolly expression, wave, and smile during their arrival in the store.
- Upholds and commits to memory gold standard of the store, food safety management, and store policy.

Camp Counsellor and Maintenance personnel

July 2017 & July 2018

InterVarsity Circle Square Ranch

- Managed and supervised school-aged children
- Maintained a healthy and safe working environment for staff and children
- Maintained composure under pressure while leading campers and collaborating with fellow counsellors.
- Managed audio/visual equipment for praise and worship gathering and open house events.

Special Skills

Computer skills:

Languages:

Java, JavaScript, JavaScript Vue, Python, Verilog, VBA, HTML, CSS

Databases:

MongoDB (NoSQL)

Software:

MS Word, MS PowerPoint, MS Excel, MS Access, Adobe After Effects, Adobe Premier, DaVinci resolve

Hardware:

Basic electronic circuits, FPGA DE-10 board, Arduino boards

Licences:

Class 5 Driver's Licence

Certificate:

WHMIS Training (2015) March 2020

Spoken Languages:

Tagalog, English

Interests

Video editing, gaming, graphics design, coding, robot building, and music