PAUL ADRIAN ALCORAN REYES

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EDUCATION

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING
University of Manitoba
Expected graduation: 2025

COURSEWORK

UNDERGRADUATE

- Data Structures and Algorithms
- Engineering Algorithms
- Digital Logic Systems
- Microprocessing Systems
- Design in Engineering

TECHNICAL SKILLS

PROFICIENT LANGUAGES

Python - Java - JavaScript - HTML - CSS

FAMILIAR LANGUAGES

C++ - C# - VBA - Verilog

FAMILIAR TOOLS

React - Vue - Git - MongoDB - SQLite - PyQt5 - Express - Bootstrap - MS_Products - Adobe_Products - DaVinchi_Resolve - Unity - Unreal Engine - FPGA_DE-10 - Arduino - Grails

SPOKEN LANGUAGES

- English
- Tagalog

INTERESTS

- Application Development
- Game Development
- Robot Building
- Frontend
- Video Editing

EXPERIENCE

Student Programmer Co-Op

Agriculture and Agri-Food Canada
September 2021 – December 2021

- Designed a responsive user form application using JavaScript, Vue, and Grails
- Optimized/modified an existing application that transfers inputted data between two excel files using VBA
- Handled and directed sensitive company data using MS Word, Excel, and Access on a daily basis

Audio Visual Technical Support

Zion Apostolic Church
August 2018 – Present

- 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

Projects

Electronic Lock

Digital Logic Systems Course
September 2020 – December 2020

- Created an electronic lock using DE-10 board and Verilog
- Collaborated with fellow classmates to plan and fid solutions within the available time

Pick & Drop Mechanism

Design in Engineering Course
September 2020 – December 2020

- Programmed four servo motors and RBG sensor using Arduino to create a pick and drop mechanism made with recycled materials
- Written efficient and detailed reports about the progress and code comments to team members