

BRIX IAN MARCELLANA



marcellana_brix@yahoo.com



brixm.com



github.com/Azethyst



306-202-8701



605-740 Hamilton Street,
New Westminster, BC V3M
5T7

EDUCATION

Bachelor of Science in
Engineering, Computer
Engineering

College of Engineering,
University of Saskatchewan,
Saskatoon, SK

2024

SUMMARY

Highly motivated graduate with a bachelor's degree in computer engineering, equipped with solid foundational knowledge in hardware, software, and systems design. Adept in problem solving and thrive in collaborative environments, demonstrated through teamwork on projects focusing on embedded systems, software development, and microcontroller programming. Seeking to leverage my technical skills and enthusiasm for innovation to contribute effectively to a dynamic team.

SKILLS

- Programming in C, Java, & Python
- Microcontroller Programming (Raspberry Pi, DE2-115 board, ESP32, and TM4C123GH6PM)
- Web Development using HTML, CSS, JavaScript, and with React Framework
- Object-Oriented Programming, ADTs, and Data Structures
- Logic gates and digital signals
- Developed phone Apps using App Dev using Flutter and Dart
- MYSQL, NoSQL, and MongoDB
- NodeJS and HTTP architecture
- Docker and GitHub
- Soldering and PCB design
- System Verilog (created testbenches with UVM architecture)

WORK EXPERIENCE

May 2023 – Current

AmPm POS Solutions – Computer Hardware Technician, Saskatoon, SK

- Troubleshoot and fixed point of sale issues such as cash registers and handheld devices for customers like Walmart, McDonalds, Starbucks, etc.
- Installed and diagnosed network equipment including Cisco switches, Meraki routers, modems, and wireless access points (WAP).
- Performed break fixes and maintenance on ATMs for banks such as TD, RBC, CIBC, BMO, and many other.
- Provided remote support for customers out of the province through phone calls.
- Organized through hundreds of parts in inventory and evaluated delivery needs for customer demands.
- Facilitated the onboarding and training of new personnel, familiarizing them with company logistics and technical skills.