Salvatore Logozzo

(647)542-6231 | salvatore.logozzo@torontomu.ca | LinkedIn | GitHub | Website

EDUCATION

Toronto Metropolitan University (formerly Ryerson University) — Toronto, ON
Bachelor of Engineering in Software Engineering — *Sept. 2019 – exp. May 2024*

EXPERIENCE

Data Center GPU Partner Engineering Intern — May 2022 – Present
Advanced Micro Devices Inc. (AMD) — *Markham, ON*
- Manage a data center Lab with 30+ servers to assist AMD's corporate customers.
- Setup and hardware maintenance of Servers, Install OS, Flash firmware on GPUs, Reproduce and debug customers' issues with our GPUs.
- Automated the process of packaging driver releases for partners for each OS (Ubuntu, RHEL, and SLES) for every driver release, improving the efficiency and accuracy of the release process.
- Expanded team's inventory website by adding a subnet tracker that automatically scanned our labs for new devices, recognizing servers, PDUs, lab equipment, and more, making it easier to track inventory and manage resources.
- Created a full-stack web application to follow servers of the newest program and track their status. Worked collaboratively with a teammate to connect this page to their application used to test systems and store logs, streamlining the testing process and making it easier to read and analyze test results.
- Participated in team meetings and cross-functional projects, providing input and ideas to improve our data center solutions and partner engagement strategies.
- Demonstrated a strong work ethic and willingness to learn and take on new challenges, contributing positively to the team culture and dynamic.

Assistant Manager — February 2019 – Present
ML Property Maintenance — *Woodbridge, ON*
- Deal with basic financial tasks, such as making invoices and communicating with the accountant.
- Created Python GUI to automate the process of invoice creation, making the process 80% faster.
- Communicate with clients and/or employees when any type of problem arises.

Sales Associate — March 2019 – December 2021
Nature's Emporium — *Woodbridge, ON*
- Developed communication skills, as well as problem-solving, by assisting customers with product selection and making sure they were happy with their purchases.
- Adapted to every sector of my department, increasing the sales by 20% in a year, while also developing organizational and time management skills.

Sales Associate — December 2014 – June 2017
Sinergy Elettromarket — *Italy*
- Assisted customers in choosing technology hardware.
- Installed Linkem home Wi-Fi for customers.
- Performed tech support on computers and smartphones.

PROJECTS

StockOptions | *Python, MySQL, JavaScript (React, Next.js), TailwindCSS* — November 2022 – Present
- Full-Stack NASDAQ100 custom screener web application made with Flask, MySQL, and NextJS.
- Created custom business functions and REST APIs in Python using Flask, Persistence Layer with MySQL, and Front-End components using NextJS.
- Created custom Authentication Algorithm (JWT is returned to front-end if authentication is successful). This JWT is needed to access data in the website (Closed Beta).

Portfolio Website | *JavaScript (React, Next.js), TailwindCSS, SanityDB* — December 2021 – Present
- Created my own personal portfolio website using NextJS framework to showcase my projects and experience and expand on the resume.
- Connected portfolio webpage to SanityDB to fetch projects from database and display in Projects page.

Bookstore App | *Java*   January 2021 – April 2021
- Managed and worked with a team of 3 other students to create a bookstore app by using JavaFX and chose the best design pattern to get a faster runtime of the app and improved performances.
- Designed the Use Case Diagram
- Designed the Class Diagram

Fantasy Soccer League DBMS | *OracleSQL, Shell, Python, Git*   September 2021 – December 2021
- Worked with a team of 2 more students to create a Sports Fantasy League DBMS using OracleSQL
- Created a Shell CLI app modify the database and access queries without needing knowledge of SQL
- Created a Python GUI app to allow access and modify the database to individuals without knowledge of SQL

General-Purpose Processor | *VHDL*   September 2020 – December 2020
- Designed all the components in VHDL, such as the ALU, the Control Unit (made of a Moore FSM and a 4-16 Decoder), the Storage Units (D-latches), and the SSEG.
- Verified the overall design with rigorous and multiple test cases on Quartus.

CERTIFICATIONS

Microsoft Office Specialist in Excel 2013   April 20th, 2017
Microsoft   *Italy*

Software Fundamentals   November 9th, 2021
Ryerson University   *Canada*

TECHNICAL SKILLS

Languages: Python, MySQL, JavaScript, HTML/CSS, JSON, C/C#, Java/JavaFX, XML, VHDL, Assembly, MATLAB
Developer Tools: Git, VS Code, Docker, Ansible, JWT, Vim, Nano, ChatGPT Prompting
Python Libraries: Flask, PyMySQL, matplotlib, numpy, pandas, scipy, cx_Oracle, tkinter, selenium
JS Frameworks: React, Node.js, NextJS
JS Libraries: jwt-decode, Sanity, Emotion, Framer-Motion, ChakraUI, NextUI, Mantine