Salvatore Logozzo

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EDUCATION

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

EXPERIENCE

Partner Engineer Data Center GPU Intern　　　　　　　　　　　　May 2022 – August 2023
Advanced Micro Devices Inc. (AMD)　　　　　　　　　　　　　　　　　　*Markham, ON*
- Received a Spotlight Award for porting and delivering a tested and working service to a Partner.
- Created a web app to automate the running and creation of tests, and to visualize results at a glance.
- Worked on the bring-up and early testing of MI300A.
- Manage a Data Center Lab with 30+ servers to assist AMD's corporate partners.
- Rack-mount Servers, Open Servers and Work with their Hardware, Install OS, Flash firmware on GPUs, Reproduce and debug customers' issues with our GPUs.
- Expanded the team's Server/GPU inventory website by adding an automatic subnet discovery to keep track of all devices attached to our network and automatic scan of GPUs to keep track of their firmware version, hardware level, Serial Numbers, etc.
- Assisted with testing and validating tools, as well as write documentations.
- 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

QuickTradez | *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 AND AWARDS

Udemy Machine Learning, Data Science, and DeepLearning with Python	July 12th, 2023
Udemy	*Canada*
AMD Spotlight Award	June 19th, 2023
AMD	*Canada*
Software Fundamentals	November 9th, 2021
Ryerson University	*Canada*
Student Ambassador Award International Languages 2018-2019	June 20th, 2019
Dante Alighieri Academy	*Canada*
Microsoft Office Specialist in Excel 2013	April 20th, 2017
Microsoft	*Italy*

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