

SAMARVEER SANDHU

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EXPERIENCE

Home Depot Canada May 2021 – Sep 2021

Tool Rental Associate

- Performed preventive maintenance on tools
- Processed 50+ tool rental transactions and logging them into the database
- Maintained a high level of knowledge of 25-30 different tools

Canada's Wonderland May 2019 – Aug 2019

Sales Associate

- Managed admission sales for different sectors
- Processed 100+ major transactions during each shift
- Handled 15-20 customer-service related problems per shift

Toronto Police Service May 2018 – Aug 2018

Fleet & Materials Management Technician

- Completed preventive maintenance on 5+ vehicles per day, including oil change, tire rotation, wheel balancing and filter replacement.
- Accurately stored details of all service jobs plus stock on file
- Gained extensive knowledge of mechanical troubleshooting

PROJECTS

Amplifier Design Project: (Multisim)

→ Designed and simulated single-supply multistage, inverting, and transistor amplifier

General-Purpose Processor: (Quartus)

→ Creation of a general-purpose processor with the help of three different Arithmetic and Logic Units (ALU).

Bookstore Application: (Java / NetBeans)

→ Simulated a bookstore application that had a responsive UI with the help of JavaFX

EDUCATION

Ryerson University

Computer Engineering (B. Eng.)

Expected Graduation: May 2023

Dean's Honors List.

SKILLS

Programming

Java • JavaScript • C • C++ • Python • HTML • CSS • VHDL • Assembly • SQL

Software

Arduino • Linux/Unix • MultiSim • Quartus • OracleSQL • Git • JavaFX

CERTIFICATIONS

IEEE Computer Society:

- Unix
- Git/GitHub
- SQL
- Python