Sara Armanazi

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Highlights of Qualifications

- A dedicated individual with strong interests in product management, networking, and automation. Proven to be a proficient communicator and excellent contributor in team projects.
- Enrolled in level 4 of the Computer Engineering Program (Graduate of 2024)
- Competent in test automation and hardware test verification
- Proven to have strong organizational and troubleshooting skills through projects & co-op.

Technical Skills

Programming Languages:

Python	MATLAB
C/C++	Verilog
Java	HTML

Software:

Quartus II	Visual Studio
Inventor	Github
ModelSim	Atom

Hardware:

FPGA - Raspberry-Pi

Other:

Project Management
Engineering design and technical skills.
Driver's License.

Education

Bachelor of Engineering, Computer Engineering

McMaster University, Hamilton ON Sep 2020-May 2024

- Achieved a cumulative grade point average of 3.0 on a 4.0 scale
  - Dean's Honors List -May 2021 – Engineering 1

Experience

Academic Tutor - Academy for Mathematics & English

Oakville, ON *September 2022–April 2023*

- Tutored students in all academic subjects (Functions, Calculus, Chemistry, English) from elementary to high school.

RF Network Engineer Co-op (4-months) – Ericsson Canada

Kanata, ON *May 2-August 31,2022*

- Demonstrated responsibility and time management skills when performing daily tasks such as running automation bots, analyzing data, and sending reports.
- Successfully engaged in service delivery and acceptance in the areas of RAN and Transport Networks across the city of Philadelphia.
- Proven to be a responsible and collaborative team member while working with knowledgeable professionals and monitoring a variety of signals and bands for more than ten sites a day.
- Effectively supported markets on Network Design & Optimization deliveries and was recognized as a quick learner.
- Efficiently analyzed KPIs to further optimize radio network performance and provided solutions for the assigned tasks while focusing on customer deliveries and collaboration.

Relevant Projects

COMPENG 3DY4 - Realtime SDR *Jan-April 2023*

- Implementing a software-defined radio including support for RDS and mono and stereo FM channels using Python/C++ and front-end radiofrequency (RF) hardware like RF dongles and the single-board computer Raspberry PI 4 with digital signal techniques to generate a radio.