General Motors Israel is Looking for You! - Cyber Security Intern

General Motors Israel (Herzelia) takes a significant part in shaping the autonomous vehicle. We work on Active Safety, Smart Sensing, Vision Systems, Signal Processing, Machine Learning, Sensor Fusion, Artificial Intelligence and Cognitive Systems. The technical domains and ongoing work streams include software and hardware groups (research, development and engineering) that work on the most complex issues and challenges facing the new mobility era. As we grow, we keep adding new areas and fields to explore and develop, and have a clear vision of hiring the brightest talents in order to excel on cutting-edge and non-traditional automotive technologies.

About the Group: The Cyber Security Group is responsible to secure the vehicle electrical architecture and electronic control units. General Motors Israel is looking to hire an intern, who will join the Cyber Security group.

What Will YOU Do? Join the Red Team in creating tools that will help identifying vulnerabilities which will have direct impact on reducing risk and improve product security and demonstrate creative analysis techniques in distilling test results, eliminating false positives.

Write offensive tools and analysis scripts, in the purpose of supporting penetration testing efforts, vulnerability assessments and product security testing on vehicle systems and components.

Integrate and bring up embedded systems.

What are WE looking for?

- Bachelor’s degree /M.sc student for EE of Computer Science
- Proficiency in at least two of the following languages: Bash, KornShell, Python, Perl, Ruby
- Full control in Linux/Unix and Windows environments
- Great interpersonal skills
- Very strong verbal and written communication skills

It is an advantage if you have:

- Basic knowledge in information security, penetration testing, fuzzing
- Basic knowledge in Network protocols
- Previous embedded software development.

To apply, send your CV to: TA.Israel@GM.Com