Signal Processing and Algorithms Developer

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. **We shape the face of the future vehicles in diverse fields by developing cutting edge technologies.**

As we grow, we keep on adding new areas and fields to explore and develop, and have the clear vision of hiring the most qualified and brightest talents in order to excel on cutting-edge and non-traditional automotive technologies.

Our sensing group is growing and we are looking for a hands-on signal processing algorithm developer experienced in analysis of collected sensor measurements to participate in development of advanced radar systems.

The algorithm developer will develop and implement innovative radar signal processing algorithms, and performance testing. We create and evaluate innovative applied concepts for future vehicles.

What will you do?

- Development of the signal processing algorithms in Matlab
- Algorithms refining and optimizing based on collected measurements
- Transferring developed algorithms to the DSP team
- Take part in the autonomous development!

What are we looking for?

A team player. Curious and motivated that has true passion to influence the future!

- Hands on experience in algorithms development using Matlab
- BSc/MSc in Electrical Engineering or equivalent degree
- Knowledge in statistical signal processing: estimation and detection theories
- Expert with Radar systems - Advantage!

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Are YOU made for more?
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