

Kamal Heib

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Professional Experience

Senior Software Development Engineer: 2018-Present Ethernity Networks

- Develop qemu device models and network device drivers.

Senior Linux Kernel developer: 2016-2018 Mellanox Technologies

- Develop new features for the mlx5 driver.
- Fixing bugs found within the mlx4 and mlx4 drivers.

Mellanox Partner Engineer: 2015-2018: Red Hat

- Maintaining the Mellanox linux drivers (mlx4 and mlx5) within the RHEL products.

Linux Kernel developer: 2015-2016: Mellanox Technologies

- Owner of Integrating Mellanox Linux drivers within Ubuntu Linux distributor.
- Develop and maintain the Soft-RoCE (ib_rxe) driver.

Software Verification Engineer and team leader: 2012-2015: Mellanox Technologies

- Leading the Linux Ethernet Driver Verification team, which include training new employees, maintain the regression tests, develop new tests to test new driver features and review new tests that developed by other team members.

Software Verification Student: 2010-2012: Mellanox Technologies

- Maintaining the regression tests for testing the Mellanox Linux Ethernet Driver (mlx4_en) and developing new tests to test new driver features and bugs.
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Technical Tools and Skills

C, Bash, Linux, Linux Kernel, Java, Android, Android Development, Python, XML, HTML, GIT, SVN, Eclipse, Visual Studio, Debugging, Shell Scripting, TCP/IP, OOP, Virtualization, SR-IOV, PV.

Education

- **Tel-Hai Collage – Upper Galilee, Israel**
2008-2012: BSc in Computer science
 - **Tuba-Zangaria High School – Tuba-Zangaria, Israel**
2003-2006: matriculation in science
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Languages

- **Arabic, Hebrew, English**