Tom Cohen
Senior Software Engineer

Tel Aviv, HaMerkaz IL

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in tom-cohen-89a28b70

SKILLS

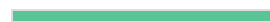### Embedded Systems Engineering
Master

C/C++   Firmware   Hardware

Drivers   Linux

Operating Systems

Networks
Master

TCP   UDP   IP   Ethernet

HTTP   FTP   Networking Stacks

Windows and Browser Internals
Advanced

WIN32   V8   Browser Internals

Chromium   Javascript   Python

Browser Extensions   SQL

WORK EXPERIENCE (3)

Senior Software Engineer, Search Engine Monetization at IronSource   **Mar 2018 - Mar 2021**

Entrusted on the browser internals of the search engine monetization division we have created browsers, extensions and client based internal components.

- Designed and developed a high-security chromium-based browser
- Developed low-level client BI applications
- Created browser extensions providing multiple user services for BI, control and browser features
- Developed and integrated AdMob mediation networks for hyper-casual mobile games

Senior Software Engineer, Linux Embedded Systems at ECI Telecom   **Oct 2014 - Feb 2018**

Being part of the industrial networking switches and high scale embedded systems team we have designed, developed and integrated industry standard, rigid, high-availability networking modules for enterprise use telecom and govermental industries.

- Managed the integrtion and rollout of highly fundemental hardware components
- Designing and developing for hardware/firmware components like FPGA
- Migrated multi-component systems from Linux to VxWorks

Software Engineer, Center of Encryption and Information Security at IDF   **Sep 2007 - Jul 2013**

As part of the information security and encryption units I've had the oppertuity to design and develop large-scale high-availability embedded systems and simulators.

- Designed and developed the networking system for the Iron Dome air defense system
- Integrated a large-scale multi-component Iron Dome's fire control system
- Planning and developing highly efficient and secure communication protocols over TCP/IP Networking stack
- Developed tooling and testing automation simulators

EDUCATION (2)

Military Qualified Engineer Software Engineering at School of Computer Professions

2007 - 2008

Bachelor of Science (BSc) Computer Science at The Academic College of Tel-Aviv, Yaffo

2009 - 2013

AWARDS

Head of C4I Directorate Award at Center of Encryption and Information Security, IDF

Excellence and Creative Thinking

Hebrew
Native speaker

English
Native speaker

Spanish
Intermediate proficiency