

Or Ricon

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EXPERIENCE

Staff Software Engineer

January 2018 - Present

Walmart Labs | Remote

- Work on Walmart's internally-developed suite of CDN products.
- Created the content optimization team, architecting Walmart's content-optimization platform. Hired and led 8 developers.
- Conducted industry research in content-optimization as well as image quality analysis.
- Designed and implemented Walmart's CDN ESI (Edge Side Includes) module used to increase cache offloading.
- Take part in Walmart's multi-CDN initiative, automating the usage of external CDN providers.
- Design and implement a Service-Worker plugins framework to support multiple tenants on a single domain.
- Port the above Service-Worker framework to Cloudflare Workers.

Senior Software Engineer

August 2016 - January 2018

Security Scorecard | New York, NY

- Conducted large-scale internet scanning projects using custom-built software in Go.
- Built various proofs-of-concept to collect valuable information on the internet and then productionized them, e.g public datasets, scraping, crawling, torrent tracking, malware sinkholing, vulnerable product usage across the internet, etc.
- Worked on projects to improve the firm's ability to attribute assets on the internet to various companies.
- Built large-scale data ingestion and processing pipelines using Go, Scala and Spark.
- Acted as team lead through various transitional phases.
- Continuously conducted research into latest cybersecurity research in industry and academia

Senior Software Engineer

February 2016 - August 2016

jet.com | Hoboken, NJ

- Developed A/B testing framework based on nginx, Lua and Consul.
- Developed and maintained Jet's internal deployment system.
- Worked on Jet's disaster recovery initiatives.

Software Engineer

September 2015 - February 2016

The Hackerati | New York, NY

- Acted as the sole developer in a small team for a TV show website (DarkNet - Jan 2016).
- Project included building a custom CMS backed by MongoDB and a responsive website using Meteor, React and SASS.
- Took charge of DevOps efforts which included an auto-scaling deployment using Docker on AWS.
- A culmination of these efforts was the publishing of several open-source packages to the Meteor community.

Software & Operations Engineer

February 2014 - August 2015

Augury | Haifa, Israel

- Design and implement a growing, distributed and scalable system.
- Develop complex back-end system based on an inter-communicating micro-services architecture.
- Develop front-end single-page application communicating with back-end API.
- Design and implement the company's automated testing infrastructure allowing for end-to-end testing using behavior designed tests and integration tests of the back-end.
- System Administrator of development and production cloud servers, utilizing cutting-edge technologies such as Docker and automated configuration management tools.
- Design and implement the company's continuous delivery process and DevOps automation.
- Participate and research information security methodologies to ensure the safety of business-critical data.

EDUCATION

Graduate courses in Autonomous Systems

2013

Technion | Haifa, Israel

Bachelor of Science in Electrical Engineering

2007 - 2011

Ort Braude College | Carmiel, Israel

- Graduated Magna Cum Laude
- *Volunteer*, Math, Physics and Computer Science Tutor

MILITARY SERVICE

Engineering Officer in the Medical Corps

2011 - 2013

Israeli Defense Force | Tel Aviv, Israel

- Oversaw and determined technical requirements of medical equipment.
- Coordinated efforts with potential contractors, validating different products.
- Engaged in equipment testing and data collection to provide better health care to IDF personnel.