Elad Kapuza

eladkap.github.io | linkedin.com/in/eladkapuza | eladkapuza@gmail.com | 054-232-0126

SUMMARY

Experienced Automation Engineer with 6 years of experience in planning and developing automation infrastructure and applications for testing SW and HW products

EXPERIENCE

PTC | DevOps & Automation Engineer
2020 - Present | Haifa, Israel

- Work in global team developing automation tools for testing and validating PTC products
- Developed and responsible for regression test system supporting hundreds of PTC developers
- Developed and responsible for Automatic Scanning System for scanning PTC products and report vulnerabilities to owners
- Innovated and developed internal search engine serving hundreds of PTC users
- Innovated and developed internal monitoring system serving dozens of hosts and services in PTC
- Experience with Java Spring, Angular, Python, Jenkins CI/CD, GitLab, Dockers, MongoDB, PostgreSQL

LUMENIS | Automation Engineer
2019 - 2020 | Yokneam, Israel

- Planned and developed 5 automation applications in Python for testing 4 healthcare systems
- Improved testing process, achieving 80% reduction in testing time

ELBIT SYSTEMS | Automation Engineer
2018 – 2019 | Haifa, Israel

- Developed automation infrastructure in C# and Python for testing real-time embedded system

CRONUS | R&D Software Engineer
2017 – 2018 | Haifa, Israel

- Developed automation tool to collect vulnerabilities and updating database of main product - Cyber scanner

EDUCATION

TECHNION, HAIFA
Bachelor in Computer Science & Information Systems
March 2017 | Haifa, Israel
Graduated with honors (GPA 80)

ORT BIALIK COLLEGE
Practical Software Engineering Diploma
May 2018 | Kiryat Bialik, Israel
Graduated with excellence (GPA 91)

FINAL PROJECT

FAULT MANAGEMENT PACKET COMPRESSION | Marvell Technology Group Ltd
Oct 2014

- Implemented a simple hardware-friendly delta encoding algorithm allowing up-to 2.6 compression ratio
- Published the paper "FM-Delta: Fault Management Packet Compression" (approved by IEEE)
- Presented the project poster at IFIP/IEEE IM 2017 international symposium at Lisbon, Portugal
- GitHub Link

PUBLICATIONS

FM-Delta: Fault Management Packet Compression
July 2017 | Approved by IEEE
Link to paper

PERSONAL PROJECT

SORTING VISUALIZATION | JS App

- Developed JavaScript application for visualizing sorting algorithms
- Implemented 4 algorithms: bubble-sort, merge-sort, quick-sort and heap-sort
- GitHub Link
- App Link

SKILLS

TECHNICAL SKILLS
Proficient with:
Python • Java Spring Boot • Angular JS • HTML • CSS • Jenkins CI/CD • Dockers • Networking • Git • Linux • MongoDB
Familiar with:
C • C++ • C#

SOFT SKILLS
Great Communication (Hebrew & English)
Great teamwork • Creative • Innovative • Agile • Fun