

Elad Kapuza

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

SUMMARY

Experienced Automation Engineer with 5 years of experience in designing and developing automation infrastructure and applications

EXPERIENCE

PTC | AUTOMATION ENGINEER

2020 - Present | Haifa, Israel

- Developed automation tools for testing and validating CAD products
- Developed automation infrastructure of automatic security scans for PTC products
- Experience with Java, Spring Boot, Python, JavaScript, Jenkins, C-Shell

LUMENIS | AUTOMATION ENGINEER

2019 - 2020 | Yokneam, Israel

- Planned and developed 5 automation applications in Python for testing 4 healthcare systems
- Developed automation infrastructure in C# for testing AWS Server-Client systems

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

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)

PUBLICATIONS

FM-DELTA: FAULT MANAGEMENT PACKET COMPRESSION

July 2017 | Approved by IEEE

[Link to paper](#)

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](#)

PERSONAL PROJECTS

PACMAN GAME REMAKE | JS APP

- Developed JavaScript application for remaking the famous Pacman-Game
- Used OOP and processing tools to manage movement and graphics
- [GitHub Link](#)
- [Game Link](#)

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 • C# • Java • JavaScript • HTML • CSS • Jenkins

• SQL • Networking • Git

Familiar with:

C • C++ • Angular • Linux

SOFT SKILLS

Great Communication (Hebrew & English)

Great teammate • Creative • Innovative • Agile