

Elad Kapuza

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SUMMARY

Experienced DevOps and Automation Engineer with 4 years of experience in designing and developing automation applications and DevOps tools

WORK EXPERIENCE

PTC | DEVOPS ENGINEER

2020 - Present | Haifa, Israel

- Developing DevOps tools for CAD products
- Reduced testing time by tens of hours per week
- Developing full-stack application for testing CAD products
- Experience in Python, Java Spring Boot, Angular and C-Shell

LUMENIS | AUTOMATION DEVELOPER

2019 - 2020 | Yokneam, Israel

- Planned and developed 5 automation applications for testing 4 healthcare systems
- Improved testing process, achieving an 80% reduction in testing time
- Developed Rest-API applications with back-end side in ASP.NET C# and working with SQL databases

ELBIT SYSTEMS | AUTOMATION ENGINEER

2018 - 2019 | Haifa, Israel

- Developed automation infrastructure for testing real-time embedded system

CRONUS | R&D SOFTWARE ENGINEER

2017 - 2018 | Haifa, Israel

- Developed automatic tool collecting vulnerabilities and updating databases

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](#)

TECHNICAL PROJECTS

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](#)

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](#)

PATHFINDER VISUALIZATION | JS APP

- Developed JavaScript application for visualizing path-finding algorithms
- Implemented 3 algorithms: BFS, DFS and A*
- [GitHub 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](#)

SKILLS

TECHNICAL SKILLS

Proficient with:

Python • C# • Java Spring • JavaScript • HTML • CSS • Jenkins • SQL • Networking

Familiar with:

C • C++ • Angular • Git • Linux

SOFT SKILLS

Great Communication (Hebrew & English)

Great teammate • Creative • Innovative • Agile