Elad Kapuza

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SUMMARY

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

EXPERIENCE

PTC | Automation Engineer
2020 - Present | Haifa, Israel

- Developing automation tools for testing and validating CAD products
- Developing web applications for testing CAD products
- Experience with Java, Spring Boot, JavaScript, Python, C-Shell, Perl, Jenkins

LUMENIS | Automation Engineer
2019 - 2020 | Yokneam, Israel

- Planned and developed 5 automation applications for testing 4 healthcare systems
- Developed automation tools for testing AWS cloud and Server-Client systems

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 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