

# Ivan Antonov

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## SUMMARY

Computer Science Bachelor's degree graduate.

Experienced in Software Validation and Automation Development + Full-Stack development (E2E).

Strong knowledge of CS fundamentals such as OOP, data structures, algorithms, problem-solving, and complexity analysis.

## EXPERIENCE

### Software Engineer | Intel | 2021 - Present

- Lead software validation activities, ensuring 100% system integration coverage, improving nightly build testing success rate.
- Develop automation for regression using Python; improving testing/reporting time and increasing CI/CD reliability.
- Analyze results, debug asserts/exceptions, and document steps to reproduce bugs in JIRA.
- Review, troubleshoot and resolve issues in existing code (C#).
- Lead a remote international team of 4 engineers (Taiwan), overseeing daily tasks and coordination.
- Lab activities, including building and debugging RF setups, maintaining and developing testing flows.
- Collaborate with cross-functional teams throughout the entire process, from requirements definition to E2E execution.

### Lab Operator | Annapurna Labs AWS | 2019 - 2021

- Operating CPU final tests, building and monitoring setups, providing HW&SW support for engineers, offering solutions for equipment failures.
- Executing validation tests, reviewing and reporting results, and documenting every step and technical issues.

### Hardware Integration | Elbit Systems | 2018 - 2019

- Project support during all stages of the unit's development.
- Testing prototype units, performing final tests, troubleshooting test failures, conducting qualification tests under extreme conditions.

### Radar Technician | IDF Navy (Military service) | 2015 - 2018

- Technical support for the high-range radars on warships, including installation and periodic inspections on ships and in labs.

## EDUCATION

### Computer Science Bachelor's Degree | The Open University of Israel

graduation 2024

### Electronics Practical Engineer | Kciney Yam Akko College

2015

## SKILLS

Highly motivated, quick learner, good technical and logical skills, ability to work independently, task-driven, organized and responsible.

**Programming Languages:** Python/Javascript/C#/JAVA

**Full Stack:** React, NodeJS, Express, MongoDB, , Postman, external API implementation, Heroku, Firebase

**Computer network:** TCP/IP, SSH, FTP/SFTP, Network fundamentals and theoretical knowledge

**Data-serialization formats/Data analysis:** JSON/YAML/XML/CSV/Excel/VBA

**Version control:** Azure Git , GitHub, Gerrit

**OS:** Windows /Linux

**Prompt Engineering:** Co-Pilot, ChatGPT, Efficiently structuring instructions for AI models, Integrating model output into an existing codebase

Languages: English/Hebrew/Russian