

CV – Alon Gruber



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Current City

Givataim

Birth Year

1993

Profile

Finishing B.Sc. in **Computer Science** from **The Open University** with **87 GPA – Dean's excellence award**.

Since my release from **8200 unit**, I have been working full-time in R&D while simultaneously studying.

I am looking for a **full-time software developing role**,

Specifically, backend roles involving the use of C++, Java & Python.

I ran a marathon once, also I enjoy reading books and am an avid gamer.

Projects

- **MessageU messaging application** – A messaging application that communicates via socket programming, implements E2E message encryption using CryptoPP library and maintains user data in a SQLite3 DB. Client side written in C++, server side – Python.
- **Red Alert – Home Front (Pikud HaOref) Hackathon** – An IoT based solution for handicapped communities, implemented using micro-services for probing an API and parsing it, coupled with a smart light controller service.
- **Assembly Assembler** – A program which takes assembly code as input, validates its integrity and outputs either a file in machine code if no errors were found or a log file explaining the errors if such errors were found. Written in C.

University Education

- B.Sc. in Computer Science from The Open University with GPA 87 (92 credits out of 108 – will finish 2022a).
- Dean's excellence award for 2020.
- Noteworthy Course Achievements:
 - Algorithms – 93.
 - Introduction to Artificial Intelligence – 89.
 - Operating Systems – 96.

Experience

2020-2021 – QA Automation Engineer at McAfee

- Increased passing rate for an existing automated test suite from 60% to 95% by renewing outdated code.
- Implemented new automated tests using Python's pytest framework.

2016-2019 – Software QA Engineer at McAfee / Intel Security

- Uncovered critical BSoD bugs by designing comprehensive test plans that include usage of Sysinternal Suite.
- Acted as scrum master for major releases while assuring transparent communication within compartments.

2013-2016 – Intelligence Systems & IT technician at 8200 Intelligence Corps

- Shortened reaction time for equipment malfunctions and improved methodologies of equipment configuration by introducing Python and PowerShell scripts into the team's work flow.
- Improved new recruit initiation process by creating and maintaining a HTML site dedicated to technician training.

Languages

- Hebrew – Native
- English - Fluent
- Spanish - Proficient