






RAN COHEN

Information

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ABOUT ME

Autodidact, hardworking and highly motivated software engineer with practical development experience in *Linux, C, C++, Python, Java and JavaScript*. In addition, I have practical experience in databases and data analysis tools such as *R, MATLAB and SQLite*. I am a dedicated and internally motivated worker, creative thinker, and a problem-solver. With strong interpersonal skills, I am able to work independently while remaining a team player.

EXPERIENCE

09/2018 – 09/2021 Jerusalem	THE HEBREW UNIVERSITY Web Developer Developing independently a website for Gati's lab at the Hebrew University. Working with all aspects of the website life cycle.
01/2019 – 08/2021 Jerusalem	THE HEBREW UNIVERSITY Researcher & Lab manager Research in cognitive and brain sciences at HUJI while running a lab, managing logistics and research plans.
08/2017 – 09/2018 Jerusalem	BEIT PRAT Logistics Providing logistic planning and executing quality routines for a nonprofit organization.
03/2016 – 09/2016 Hertzelia	VATBOX Data cleansing Screening valuable data for the Vatbox software application.

EDUCATION

2022 – 2022	INFINITYLABS BOOTCAMP Successfully completed intensive 8 months of software engineering training program, gaining practical development experience in C and C++ on linux environment, with focus on memory management, system programming, network and multi-threading. I also gained deep understanding of OOD and OOP, design patterns and data structures.
2018 – 2021	THE HEBREW UNIVERSITY - M.A Masters in cognitive and brain sciences. Thesis subject: learning from punishments and the interaction with mood fluctuations (GBA: 89).
2015 – 2016	JOHN BRYCE COLLEGE Basics of Java programming, object-oriented concepts, as well as producing a server web application.
2011 – 2014	BAR ILAN UNIVERSITY - B.A Bachelors degree in philosophy (major) and history (GBA: 90). In addition, during this time, I took courses in logic, algorithmic thinking, and web programming.

PROFESSIONAL SKILLS

- Proficiency in C and C++
- Solid foundation in software development fundamental: Data Structure, Design Patterns, Object-Oriented programming, System programming, Multithreading and algorithms.
- Good working knowledge in JavaScript, Python and Java as well as shell scripting in Linux.
- Experience in building Restful APIs with Flask and NodeJs.
- Good knowledge of integration, debugging & testing tools (git ,gdb, valgrind, vscode)
- Good background in databases data manipulation tools (R, matlab, MySQL, SQLite, sqlalchemy)

MILITARY SERVICE

Israel Defence Force, Infantry (Givaty platoon 2006-2009)

LANGUAGES

Hebrew: Native Language. English: Excellent.