

# Nadav Hugim

HO C++ / RUST SR. SOFTWARE ENGINEER

## Profile

23 years of professional software development on windows, Linux, x86, ARM, ESP, Arduino, C, C++, Rust, C#, design, analyzing, integration, profiling, Troubleshooting and debugging multi threads and multidisciplinary systems.

## Employment History

### Sr Software Engineer Team Lead, Biosense Webster

FEBRUARY 2019 — NOVEMBER 2020

*Biosense Webster (Johnson & Johnson)*

in charge of infrastructure modules (Security, Dumps, Encryption, log viewer, compression)

Profiling and optimization of tasks.

Research and development for new technology.

### Sr Software & Integration Engineer, Rafael Advanced Defense Systems

FEBRUARY 2016 — FEBRUARY 2019

In charge of projects coding, architect and design documents, ICD, code review, training.

Experience in development and integration of hardware and software using.

Providing multidisciplinary solutions, troubleshooting.

### Software Engineer, KLA-Tencor

MARCH 2012 — DECEMBER 2016

Writing C ++/C# code combining software and hardware for a high-tech machine.

### Software Engineer, BACCARA

JANUARY 2009 — FEBRUARY 2012

Create SCADA application for machine PLC

Create all internal organization application (C++ & C#)

### Software Engineer, Rafael Advanced Defense Systems

MARCH 2005 — DECEMBER 2008

Writing C++ code for UAV project (Telemetry, Video, Navigation, Maps)

### Software Engineer, TADIN - TAL ADVANCED INSTRUMENTS LTD

DECEMBER 2000 — JANUARY 2005

### Software Engineer, AGM Communication & Control Ltd

JULY 1997 — OCTOBER 2000

## Education

### BSc in Computer Science, Mercy College

1998 — 2001

## Details

Beit Hashita, Israel

+972-50-4037440

[nadav.hugim@gmail.com](mailto:nadav.hugim@gmail.com)

## Links

[LinkedIn](#)

[GitHub](#)

## Skills

C++ 20 / Rust / C# / STL /  
Multithreading / Boost

Problem solving and profiling  
optimization

Troubleshooting and debugging

Multidisciplinary Integration

Operating Systems Internals

Linux OS

Embedded Systems

ARM Microcontroller

## Languages

Hebrew

English