Senior Software Engineer  
.Net \ C# \ C++

**Eli Kaufman**

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**Summary**

* **Senior Software developer** in variety of technologies and global companies: **NDS, Cisco, Synamedia**
* Development Technologies:

**.Net, C#, C++, C++ / CLI, WCF, EF, IIS, SQL Server, Real Time, Unix, Python, SVN, Jenkins**

* Integration between **.NET** and Unmanaged **C++** Code
* **M.Sc. Computer Science**, the Hebrew University, **B.Sc. Computer Engineering.**

**Experience**

**2018 – Present Senior Software Developer, Synamedia**

* Rewrite **C++ libraries** from old STL to VS 2019 C++ 17
* Transfer **C++ library** from Android to VS 20 2019
* Upgrade an old program and make it into a library. The program recognized a pattern in **streaming video** using a sampling card that is not supported anymore. The upgrade used standard tools, like: **Video Encoder, FFmpeg, VLC.**
* Rewrite a library that displays trees from Proprietary Library to a Public Domain Library.

**2015 – 2018 Senior Software Staff Engineer, NDS \ Cisco**

* Leading investigations and **Full Stack** complex log analysis for Tier 1 customers.
* Write tools for supporting the CI
* Develop tools to control IIS.
* Develop end to end system for web services based on IIS for rich window clients.

**2005 – 2014 Senior Software Engineer, NDS \ Cisco**

* Leading development that enables 30+ QA engineers to move from manual testing to automated testing. We simulate a few Pay-TV Servers by developing a few libraries that use a unified codebase. These libraries served a few applications:
  + Managed Windows Applications
  + Unmanaged C++ Test-Automation
  + SSL IIS based WCF Web Services

This development significantly shortened the test cycle from two weeks into one night and enhanced test quality.

**1998 - 2005 Software Engineer, NDS**

* Developing Simulators and test tools for protocol analyzers that enabled test quality in a period of accelerated growth.
* Development technologies: VB6, COM, ATL, C++.

**1995 - 1998 Software Quality Engineer, NDS**

* Lead QA and test automation at the first Digital TV project.
* Lead QA tests for secure embedded software that executed security functions on the set-top box.
* Lead test simulation at department that is responsible on secure
* Run and analyze half manual tests.
* Write STD.

**1992 - 1995 Software Engineer, Israel Aerospace Industries \ Malam**

* Develop a real time test environment using C
* Lead design of automatic switching between hardware and software components.
* Transfer the system to Unix.

**Education**

1990 – 1992 **M.Sc. Computer Science**, the Hebrew University Jerusalem

1984 – 1988 **B.Sc. Computer Engineering,** Jerusalem College of Technology (Machon Lev).

**Professional Courses**

DevOps - From Zero to Continuous Delivery.

Node.JS - Real time web applications with Node.js and Express.js.

Object-Oriented - Design Patterns & Refactoring Advanced Object Oriented

Design.

Analysis & Design with UML

Android development - Developing Android Applications.

**Army**

Network administrator at the ordnance corps headquarters

Recommendations will be given by demand