

# Tomer Cagan

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## Objective:

Develop top-of-the-line systems that help clients achieve competitive advantages and organization goals while putting to work my analytical, technical and interpersonal skills. Engage in a challenging development project(s) where I can grow personally and professionally along with the client/organization.

## Occupational History:

4/2006 – Present **Freelance Developer**

- Design and Implement robust, high impact, configurable, low maintenance information/engineering systems.
- Analysis, Architecture and Design of complex systems.
- Study and implement new technologies with emphasis on open source, to attain high value-for-money and ROI for clients.
- R & D in the Telecom industry domains studying standards, specifications, interfaces and other technical aspect of engineering and operational systems.
- Manage Development Projects of up to 5 developers.

4/2002 – 3/2006 **Technology, Architecture and Design Leader, QIS Ltd, Katzrin, Israel**

- Research new development, mobile computing, communications and control technologies for implementation
- Technical management and specifications of cellular network optimization solutions (at Partner Communications Ltd.)
- Logical planning (include database) of several development projects using UML methodologies.
- Implementation of projects using .Net Framework (C#), Visual Basic and C/C++.

8/1999 – 12/2001 **Freelance work**

- Building web application and solutions
- Design and development of databases and dynamic web applications
- Working with PHP, ASP, Perl and several databases (including open source).

## Education:

- 10/2009 – Present M.Sc. Computer Science (ongoing)  
Interdisciplinary Center, Herzelia, Israel  
Courses include: Intro to Machine Learning, NLP, Analysis/Algorithms for Big Data (Big graphs), Cloud Development, Topics in Optimization, Distributed Algorithms  
Thesis (in progress): Opinionated Natural Language Generation.
- 8/2000 – 3/2002 B.Sc. (with honors), mathematics and computer science.  
Salem International University (Salem, West Virginia)

## Seminars and Courses:

- 6/2014 Co-Author and Speaker: "Generating Subjective Responses to Opinionated Articles in Social Media". At NLPSPD workshop in ACL conference, Baltimore, MD, USA. (Also presented at ISCOL 2014, Haifa University, 8/2014)
- 4/2005 Speaker at IIR's "GSM/GPRS & 3G Performance Measurement". Budapest, Hungary
- 2003 The Standards Institution of Israel's Information Security Management (no. 17799) at Sela University (80 hours)

## Technical and Vocational Skills:

- Languages** .Net (C#/WPF/MVVM), NodeJS, SQL, MongoDB.  
Working knowledge in Python, Java, C++, ASP.Net (MVC/WebAPI), Javascript (include frameworks: KnockoutJS, AngularJS), GIS.  
Some experience with AWS, Azure, Map-Reduce.
- Design** UML, Database modeling, OOP/OOD, Design Patterns
- Managerial** Team Leader. Presentation skills. Requirements and Design Specification
- General** Autodidact, Independent

## Languages:

- Hebrew Native language
- English Native language equivalent.

## References:

Available upon request