

# Jordan Hrycaj

IT Contractor/Consultant

info@mjh-it.com

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## Summary

As an all round/full stack software engineer, I am fluent in many programming languages, development paradigms and IT architectures. I also provide hardware experience.

For more than 20 years I have worked in different roles as software architect/consultant, developer, and project manager. I have worked with ranges of systems, mostly Posix or Windows based but occasionally mainframe systems as well. I put particular emphasis on security engineering and secure solutions.

I provide experience as lead developer, CTO, project manager, and line manager.

My university education was in Mathematics(number theory, statistics, OR), Economics, and Digital/computer technology.

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## Experience

### **Director at MJH-IT LTD**

July 2015 - Present (1 year 5 months)

Software Architect, Project Manager, Coder

IT Security, Network/Infrastructure

[www.mjh-it.com](http://www.mjh-it.com)

### **Lead Software Developer at PA Consulting**

January 2012 - June 2015 (3 years 6 months)

Software development, R&D

7Sec (PCI DSS compliance) and DocDiscovery (eDiscovery preparation/triage)

### **Chief Software Developer at 7Safe**

March 2007 - January 2012 (4 years 11 months)

Software development

R&D computer forensics software

Author of tools 7Sec and 7Phrase (predecessor of DocDiscovery)

### **CTO at Maxina GmbH & Co KG**

2003 - 2007 (4 years)

Captive login technology as used in Wi-Fi gateways

VoIP gateway "Horst Box"

**Independent Consultant, Manager at mjh-EDV**

1996 - 2007 (11 years)

Network and computer security

Software project management

**Co-founder at Nessus Consulting S.A.R.L.**

1999 - 2002 (3 years)

Funding R&D for the Nessus Security Scanner

**Owner, Director at mjh-EDV**

1992 - 1996 (4 years)

Embedded systems support

PC based SCADA gateways for INDCATIC21, MODBUS, etc.

R&D

**Research employee, assistant tutor/lecturer at University of Dortmund**

1986 - 1991 (5 years)

Digital electronics R&D, teaching

**Visiting Lecturer at University of Colorado at Boulder**

1982 - 1983 (1 year)

Mathematics lecturer

Research in number theory

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## Languages

**German** (Native or bilingual proficiency)

**English** (Native or bilingual proficiency)

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## Skills & Expertise

**Security**

**Computer Security**

**Information Security**

**Software Development**

**Information Security Management**

**Computer Forensics**

**Application Security**

**Network Security**

**PCI DSS**

**Security Audits**

**Vulnerability Assessment**

**Linux**  
**Penetration Testing**  
**Software Engineering**  
**Data Security**  
**Networking**  
**Malware Analysis**  
**Encryption**  
**Web Application Security**  
**Project Management**  
**Software Project Management**  
**Payment Card Industry Data Security Standard**  
**(PCI DSS)**

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## Education

### **Universität Ulm**

Dipl. Math., Number Theory, Statistics, Economics, 1979 - 1984

Grade: 1st

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## Interests

Anglo Saxon re-enactor: Handy man role (responsible for the fire) in Anglo Saxon re-enactment group  
Ealdfaeder. Maintaining group website <http://ealdfaeder.org>.

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## Patents

### **Local transmission system for a vehicle**

United States Patent 20050226275 Issued March 24, 2005

Inventors: Jordan Hrycaj

A CSMA/CA oriented protocol amendment in order to be able to use cost effective hardware.

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## 2 people have recommended Jordan

"Either working alone or in a small team, Jordan provides the motivation, drive and insight to push software development projects forward and produce deeply embedded applications that have proven invaluable in our consultancy services across all aspects of cyber security. He has a thirst for technical knowledge and enjoys uncovering the deep inner workings of operating systems, applications and file structures in order to ensure that he can develop applications that are forensically sound, efficient and above all accurate in locating data across a range of devices. and platforms. He has also proven to be a fantastic mentor and line manager, ensuring that his passion is absorbed by those he works with."

— **Dave Grove**, *Director of Operations, 7Safe Limited*, managed Jordan at PA Consulting

"Jordan is a software engineer who, amongst other skills, applies his pure logic and the discipline of mathematics to produce bespoke programme code for forensically valid applications. I was fortunate to have been a colleague of Jordan and admired his integrity and hunger to create solutions that others claimed was not possible. Jordan always provided me with excellent technical support delivered with patience and an understanding of my situation. In my experience Jordan's attention to detail is unsurpassed and I would recommend Jordan to software engineering projects where only the best is good enough."

— **Michael Christodoulides**, *Managing Consultant, 7Safe Limited*, worked with Jordan at 7Safe

[Contact Jordan on LinkedIn](#)