

# My Profile



**Jordan Hrycaj**

**\$76.00 /hr**

**Senior Software Architect/Coder**

📍 Sawston, Cambridge, United Kingdom - 9:57am local time

TCP/IP ✓ C C++ Perl Computer Networking **more** ( )

▶ Place video

## Overview

- + Experienced all network and protocol stack developer (25 years)
- + All round/web application coding and development software engineer
- + Open source developer
- + Fluent in many programming languages, development paradigms and IT architectures
- + Hardware experience

More details on public search engines.

## Work History and Feedback

Newest first (v)

### SNMP MIB Expert ( )

Sep 2015 - Sep 2016

★★★★★ 5.00

**1,809 hours**

**\$60.00 / hr**

**\$106,890.00 earned**

*Jordan is an exceptionally diligent and meticulous developer. It was a real pleasure having him onboard for this project. His communication was second to none and he never missed a daily update. We enjoyed working with Jordan and will likely have additional jobs for him in the future*

## Portfolio

All categories (v)

### Layer 2 Address Translation ( )

I developed a layer 2 based zero configuration server for a captive gateway. The approach is similar to the layer 2 NAT logic applied to layer 2

### About Online Banking ( )

I delivered a proof-of-concept hack into online banking with attached chip card reader for information security. Sector: Internet banking customer

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**RISING TALENT**

## Work History

1,809 hours worked  
2 jobs

## Availability

Available  
As Needed - Open to Offer  
Response time ( ? )

## Profile Link

<http://www.upwork.com>

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## Languages

English: Fluent  
German: Native or Bilingual

2. Using MAC addresses only allows a client to use any IP ... more

Protocols: Tcp/Ip, Methods: Windows, Chip card readers, remo ... more

**Layer 2 Address Translation**

**About Online Banking**

**MicroSCADA Gateway ()**

Specialised SCADA gateways Sector: Medium voltage power and automation Protocols: INDACTIC21, MODBUS, TCP/IP Methods: Embedded programming, multi-tasking/threading, message passing, aging memory re ... more

Other - IT & Networking

**7Sec, DocDiscovery ()**

I developed forensically clean search engines for finding objects in unstructured data. Target systems were Posix (Linux, Sun, HP, etc.) and Windows (>= 98) systems. This resulted in the two basic too ... more

Other - Software Development

**MicroSCADA Gateway**

**7Sec, DocDiscovery**

Previous () 1 () 2 () Next ()

**Certifications**

No items to display.

**Tests**

| Name                          | Score (out of 5)   | Time to Complete | Display on profile |
|-------------------------------|--------------------|------------------|--------------------|
| TCP/IP Test (/exams/13003879) | 3.10 Above Average | 25 mins          | Yes No             |

**Employment History**

**IT Contractor/Consultant | mjh-IT Ltd**

August 2015 - Present  
Software Architect, Project Manager, Coder  
IT Security, Network/Infrastructure  
[www.mjh-it.com](http://www.mjh-it.com)

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**Chief/Lead Developer | 7Safe Ltd/PA Consulting**

March 2007 - July 2015  
Software development  
R&D computer forensics software  
7Sec (PCI DSS compliance) and DocDiscovery (eDiscovery preparation/triage)  
Author of tools 7Sec and 7Phrase (predecessor of DocDiscovery)

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**CTO | Maxina GmbH & Co Kg**

June 2003 - March 2007  
Captive login technology as used in Wi-Fi gateways  
VoIP gateway

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**Education**

**Master of Science (M.S.), Mathematics, leading to Dipl. Math (German equivalent of MS), 1st | Ulm University**

1979 - 2014  
Number Theory  
Real Functions/Statistics  
Operations Research  
Pure Mathematics

<http://www.sciencedirect.com/science/article/pii/S0022314X87900874> (/leaving?ref=http://www.sciencedirect.com/science/article/pii/S0022314X87900874) (thesis)

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**Bachelor of Commerce (B.Com.), Business/Mathematics leading to Vordiplom (similar to BA) | Ulm University, Germany**

1979 - 1982  
Business  
Economics  
Insurance mathematics

## Other Experiences

No items to display.

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