

## PERSONAL INFORMATION

## Nikola Protrka, PhD



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 European Commission Expert ID: EX2014D193214

Sex Male | Year of birth 1975 | Nationality Croatian

## WORK EXPERIENCE

2011–Present

**College Professor**

Zagreb Police College, Croatia

- Senior Lecturer in Methodology of Criminal Investigation - Major Cases, Methods of Crime Suppression, Cybercrime, Digital Evidence, Computer Forensics and Data Protection
- Guest Lecturer:
  - University of Zagreb, Faculty of Law, **Information Technology Law** (undergraduate and graduate)
  - University of Zagreb, Faculty of Electrical Engineering and Computing – FER, **Computer Forensics** - University integrated undergraduate and graduate ERASMUS+
  - University of Zagreb, Faculty of Economics, **Corporate Management** - University integrated undergraduate and graduate
  - University College Algebra, **Security, Privacy and Ethics of Digital Data** ERASMUS+
  - University of Zagreb, Military Academy, **Criminology with the Criminal law basics**

2006–2009

**Police Superintendent**

Ministry of the Interior, Zagreb (Croatia)

Public order department

2004–2006

**Chief Police Inspector**

Ministry of the Interior, Zagreb (Croatia)

Head of Police Operational Communication Center (911 Emergency Center)

1998–2004

**Police Inspector**

Ministry of the Interior, Zagreb (Croatia)

Police Inspector for Suppression of Economic Crime and Corruption, High-Tech Crime Department, (Cybercrime and Intellectual Property Crimes)

## EDUCATION AND TRAINING

1993–1997

**Master's Degree (MA), Professional Graduate Studies in Criminal Investigation**

EQF Level 6

Police College, Zagreb (Croatia)

2006–2009

**Master's Degree (MA), University Specialist in Information**

The University of Zagreb – Faculty of organisation and informatics, Varazdin (Croatia)

2015–2018 **Doctor of Philosophy, (PhD), International Cooperation and Security**

EQF level 8

The University of Zadar, Zadar (Croatia)

International Cooperation and Security in Combating Crime in Cyberspace

PERSONAL SKILLS

Mother tongue(s) Croatian, Bosnian

Foreign language(s)

|             | UNDERSTANDING |         | SPEAKING           |                   | WRITING |
|-------------|---------------|---------|--------------------|-------------------|---------|
|             | Listening     | Reading | Spoken interaction | Spoken production |         |
| English     | C2            | C2      | C1                 | C1                | C1      |
| Serbian     | C2            | C2      | C2                 | C2                | C2      |
| Montenegrin | C2            | C2      | C2                 | C2                | C2      |

**Communication Skills**

Course manager and expert at EU Agency for Law Enforcement Training – CEPOL. CEPOL is an EU agency dedicated to providing training for senior police officers on issues vital to the security of the EU and its citizens. Training covers issues ranging from leadership to law enforcement techniques and EU cooperation on economic crime. CEPOL also facilitates the sharing of knowledge and best practice and contributes to the development of a common European law enforcement culture.

**Organisational/Managerial Skills**

- Head of Information and Communication Technology (ICT) Section, Croatian Association of Expert Court Witnesses and Value Appraisers
- Board Member, Cybersecurity Strategy Board (Republic of Croatia)
- Board Member, IT Governance Strategy Board (Republic of Croatia)
- Working Group Member, Digital Evidence Standard Operating Procedures Working Group

**Job-Related Skills**

- UN certificate for projects in peacekeeping operations since 2010
- Extensive education in international cooperation (Europol, INTERPOL CEPOL, Partnership for Educations and other Law Enforcement Agencies projects)
- Expert at CEPOL - European Union Agency for Law Enforcement Training

**Digital skills**

| SELF-ASSESSMENT        |                 |                  |                 |                 |
|------------------------|-----------------|------------------|-----------------|-----------------|
| Information Processing | Communication   | Content Creation | Safety          | Problem-Solving |
| Proficient user        | Proficient user | Proficient user  | Proficient user | Proficient user |

Digital skills - Self-assessment grid

Court-Appointed Expert for IT from 2003 in all courts (Municipal, County and Commercial)  
 Head of ICT section in Croatian Association of Court Expert Witnesses and Valuers  
 Expert at CEPOL - European Union Agency for Law Enforcement Training  
 Member of board for Cybersecurity Strategy for Republic of Croatia  
 Member of board for IT Governance Strategy for Republic of Croatia  
 Member of the working group for Standard Operative Procedures for digital evidence

**Other Skills**

**AWARDS:**

- Superior Service Award (CEPOL) presented by the Ministry of Interior (Minister Ranko Ostojic), September 2014
- Letter of Commendation (EURO 2008 Championship Football) presented by the Austrian Minister of Interior (Dr. Maria Fekter), August 2008
- Letter of Commendation from the Chief of Police, Zagreb Police Administration, June 2003
- Award for Professional Conduct and Expertise in the Crime Analysis Department, presented by the Chief of Police, Zagreb Police Administration, December 2002
- Award for Personal Contribution (Operation 'SVETOSTI) during the papal visit of Pope John Paul II (Ministry of Interior), October 1998

**TRAINING MANAGER**

- Organised Crime Facilitating Illegal Migrations – Links to Terrorism Threat (2018)
- Firearms - Cross-Border Investigations (2017)
- Financial Investigations (2016)
- Firearms-Western Balkans (2016)
- Undercover Operations (2015)
- Forensic Investigation on the Crime Scene (2014)
- Seminar EU - Western Balkans Organised Crime (2014)

**TRAINING EXPERT**

- Horizon 2020, Security
- Combating card fraud, Romanian Ministry of Interior, Bucharest, Romania
- International Conference Private (Military) and Security Companies in Critical Infrastructure Protection, Zagreb, Croatia
- Cybercrime forensics & digital evidence, Estonian Forensic Institute/Tallink,- NATO Cybercrime centre Tallinn, Estonia;
- 8<sup>th</sup> Conference of security experts, Cyberattacks vs. Cybersecurity" Opatija, Hrvatska;
- Member States and Union capacities to detect, investigate and prosecute cybercrime, Swedish National Police Academy, Stockholm/Solna, Sweden;
- Partnership for education –International Criminal Investigative Training Assistance Program (ICITAP), MOI and USA Embassy Zagreb, Croatia;
- Management and development, Ecole Nationale Supérieure de Police, Saint-Cyr au Mont d'Or, France;
- DataFocus –digital forensics, INsig2, Zagreb;
- Cybercrime versus Cyber Security, The Police College of Finland, Tampere, Finland;
- National Meeting, College of Policing, Bramshill, United Kingdom;

**PUBLICATIONS:**

- Protrka, N. (2011): Computer Data as Digital Evidence. Police and security 1/11., Ministry of the Interior, Republic of Croatia, 2011, Zagreb, Croatia (pp 1-13), ISSN1330-0229, UDK351.74(497.5)
- Pavišić B., Modly D. Veić P. (2012): Criminalistics 2nd book. University of Rijeka, Rijeka, Croatia. Dušević & Kršovnik, 2012, (Protrka, N. - Head XXVII pp 615-623), ISBN 978-953-221-237-2, CIP 121119064
- Protrka, N., Marić, K., Buntak, K. (2012): Cybercrime in companies and the role of human resources in prevention. Conference proceedings: 7th scientific and professional conference with international participation "Management and safety M&S 2012", Croatian society of safety engineers and University college of applied sciences in safety, Čakovec, Croatia , June 14th and 15th 2013., (pp 529-541), ISSN 1848-5251, UDK/UDC 005.96:614.8(063).
- Protrka, N., Ribičić, G., Magušić, F. (2012): Digital evidence in the fight against crime. Conference proceedings: International scientific and professional conference "Security sector reforms in the Republic of Macedonia and their impact on crime curbing", European University – Republic of Macedonia, Faculty of Detectives and Criminology, Skopje, FYR Macedonia, September 15th 2012, pp (160-167), ISBN 978-608-4574-50-7.
- Protrka, N., Kalem, D., Markić, A. (2012): Data protection in the information systems. Conference proceedings: 4th International Professional and Scientific Conference "Occupational safety and health", Karlovac University of Applied Sciences, Zadar, Croatia, September 19th-22nd 2012. (pp 823-828), ISBN 978-953-7343-59-0, CIP814450
- Protrka, N., Skakavac, Z. (2012): Establishing the identity of digital evidence using HASH function. Conference proceedings: International scientific and professional conference "Criminal procedures of investigation in accordance with the Criminal Procedure Code in the last decade", International criminalistics association, Banja Luka, Bosnia and Herzegovina, November 1st and 2nd 2012. (pp.293-300), ISBN 978-99955-691-5-0
- Protrka, N. (2013): Role of court experts in the lawsuit in Croatia with reference to cybercrime. Conference proceedings: International scientific and professional conference "Law and Challenges of the XXI century", European University, Brčko District, Bosnia and Herzegovina, February 27th –

March 3rd 2013., (pp. 271-291), ISBN 978-99955-765-0-9, COBISS.BH-ID 3566360

- Protrka, N., Kišasondi, T. (2013): Overview of methods and cyber-attacks on critical national infrastructure, case studies. Conference proceedings:3rd International scientific and professional conference New security threats and critical national infrastructure, Ministry of the Interior, Police academy, Zagreb, Croatia, September 12th and 13th2013., (pp290-301), ISBN: 978-953-161-276-0, CIP 853091.
- Protrka, N.(2014): Normative arrangement of personal data protection in the Republic of Croatia. Police and security 4/13., Ministry of the Interior, Republic of Croatia, 2014, Zagreb, Croatia (pp 509-522), ISSN1330-0229, UDK 351.74(497.5)
- Škrtić, D., Protrka, N. (2014): Targeted internet advertising and computer fraud. Conference proceedings: "15. Slovenian Days of criminal justice, Quo Vadis: Discipline and Punish in Slovenia", University of Maribor, Faculty of Security Studies, Ljubljana, June4th and 5th2014, ISBN 978-961-6821-48-3 (html), CIP 351.74(082)(0.034.2)
- Protrka, N., Gruber, K., Salopek, D. (2015):Modern methods of reporting exploitation or abuse of children via the Internet. Conference proceedings: 4th International scientific and professional conference "Police college research days in Zagreb", Police academy, Zagreb, 23.-24.04.2015., pp 646-662, ISBN 978-953-161-290-6.
- Protrka, N., Vidaković, D. (2015): Criminal data analysis of mobile and fixed telephony to solve crimes, Criminalistic theory and practice, proceedings, year 2, nr 1, International Criminalistic Association, Zagreb, 2015, pp 39-58, ISSN 1849-6164.
- Kovač, Z., Protrka, N. (2016): Computer analysis of the human voice and speech. Conference proceedings: 5th International scientific and professional conference "Police college research days in Zagreb", Police academy, Zagreb, 21.-22.04.2016., pp 193-210, ISBN 978-953-161-297-5.
- Protrka, N., Filipović, K. (2016): The role of forensic software EnCase with digital trace, Criminalistic theory and practice, proceedings, year 3, nr 5, International Criminalistic Association, Zagreb, 2016, pp 121-134, ISSN 1849-6164.
- Protrka, N., Samardžić, B., Marić, K. (2017): Analysis of tourist indicators of the Republic of Croatia and the possibility of strengthening the competitiveness of Croatian tourism upon accession into the EU, International Journal of Education for Entrepreneurship, Volume 1/2017, Zagreb 2017, University College of Economics, Entrepreneurship and Management Nikola Subic Zrinski , pp 301-318
- Protrka, N., Marić, K., Plečaš, M. (2017): Challenges and aspects of cyber security of the Republic of Croatia, Acta Economica Et Turistica, No. 1, Volume 3/2017., Zagreb, 2017. Libertas International University ISSN-1849-8469. (pp 87-95)
- Protrka, N., Hrestak, D. (2018): Criminal Investigations Using P2P Computer Networks. Police and security 4/17., Ministry of the Interior, Republic of Croatia, 2018, Zagreb, Croatia (pp 320-331), ISSN1330-0229, UDK 343.98
- Protrka, N., Jovanovski, G. (2018): Using Security Intelligence in Corporations, Journal of Forensic Sciences & Criminal Investigation (JFSCI), Vol. 9, Issue 5, July 2018, Juniper Publishers Inc., California, United States, ISSN:2476-1311
- Katulic, T.; Protrka, N. (2019): Information Security in Principles and Provisions of the EU Data Protection Law // 42nd International Convention on Information and Communication Technology, Electronics and Microelectronics (MIPRO), Opatija: IEEE, 2019. pp. 1420-1426  
doi:10.23919/mipro.2019.8757153
- Protrka N. (2019): Computer Fraud – Analysis of Effectiveness of Discovery Activity. Police and Security. 2019 28(3/2019.):270-283. <https://hrcak.srce.hr/225567>

Publications and Citations: <https://scholar.google.com/citations?user=yam9EAcAAAAJ&hl=en>

Driving licence AM, A1, A2, A, B1, B, BE

## ADDITIONAL INFORMATION

Projects **EU Project HORIZON – Expert H2020-SU-SEC-2018**  
European Commission Expert ID: EX2014D193214