



Iulian Aciobăniței

Data nașterii: 10/04/1991 | **Cetățenie:** română | **Număr de telefon:**

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Adresă: George Cosbuc, Military Technical Academy, Bucharest, România
(Muncă)

EXPERIENȚA PROFESIONALĂ

CONFERENȚIAR UNIVERSITAR – ACADEMIA TEHNICA MILITARA "FERDINAND I" – 01/10/2024 – În curs – BUCUREȘTI, ROMÂNIA

ARHITECT ENTERPRISE (PART-TIME) – CERTSIGN S.A. – 01/08/2023 – În curs – BUCUREȘTI, ROMÂNIA

LECTOR UNIVERSITAR – MILITARY TECHNICAL ACADEMY "FERDINAND I" – 14/02/2021 – 30/09/2024 – BUCHAREST, ROMÂNIA

Predare Programarea Calculatoarelor și Arhitectura Sistemelor de Calcul, etc.
Membru în diferite proiecte de cercetare.

ȘEF AL DEPARTAMENTULUI DE DEZVOLTARE SOFTWARE(PART-TIME) – S.C. TRANS SPED S.R.L. – 25/04/2021 – 04/01/2023 – BUCHAREST, ROMÂNIA

Managementul proiectelor informatice.
Dezvoltarea de aplicații software, desktop sau web, în domeniul PKI și am semnăturilor electronice calificate.
Administrare PKI.

OFIȚER SPECIALIST – MILITARY TECHNICAL ACADEMY – 31/07/2014 – 13/02/2021 – BUCHAREST, ROMÂNIA

- cercetare în domeniul securității cibernetice
- activități didactice

DEZVOLTATOR SOFTWARE(PART-TIME) – S.C. TRANS SPED S.R.L. – 28/02/2015 – 24/04/2021 – BUCHAREST, ROMÂNIA

- Administrare PKI
- Dezvoltare software

INTERNSHIP - "AUTONOMOUS BRAKING SYSTEM" – FREESCALE ROMANIA – 31/03/2014 – 30/07/2014 – BUCHAREST, ROMÂNIA

- Sistem de frânare autonom pentru un vehicul.
- Comparatie între ARM și Power PC
- Utilizare Tressos Electrobitt

DEZVOLTATOR SOFTWARE – S.C. SELERON S.R.L. – 31/01/2013 – 31/05/2013 – BUCHAREST, ROMÂNIA

EDUCAȚIE ȘI FORMARE PROFESIONALĂ

31/08/2016 – 29/10/2020 Bucharest, România
DOCTORAT Military Technical Academy

Lucrare de diplomă End-to-end security in cloud computing

28/02/2015 – 29/07/2016 Bucharest, România
MASTERAT Military Technical Academy

- Information Technology Security
- Cryptography, Cryptanalysis, Electronic Signature, Public Key Infrastructure, Security Protocol, Penetration Testing
- Disertation with title: "Lie and deception detection. Issues of trust in human-robot interaction", done at ENSTA Paris during a 3 months ERASMUS trainship.

31/03/2016 – 29/06/2016 Paris, Franța

ERASMUS+ TRAINSHIP - LIE AND DECEPTION DETECTION. ISSUES OF TRUST IN HUMAN-ROBOT INTERACTION ENSTA - Ecole National Supérieure de Technique Avancée

The goal was to make able a robot to figure out if a person with whom it is interacting is trying to lie or not.
Most notable skills:

- Knowledge about lie detection
- Processing thermal images and digital signals
- Working with both Meka and Kompa robots
- Working with ROS (Robot Operating System)
- Python, C++
- OpenCV

Domeniu de studiu Human-Robot Interaction | **Lucrare de diplomă** Masters Thesis

31/07/2010 – 30/06/2014 Bucharest, România
LICENȚĂ Academia Tehnică Militară

-Computer Programming, Data bases, Object Oriented Programming, Operating Systems, Data Structures and Algorithms, Formal Languages and Translators, Human-Computer Interaction, Multimedia, Special Mathematics, Digital Integrated Circuits, Probability Theory and Mathematical Statistics, Communication Protocols, Systems Theory, Electronic Computers Architecture, Computer Networks, Cryptography, Digital Signal Processing, WEB Technologies, Parallel and distributed Architectures, Software Engineering, Artificial Intelligence, Information Security, Embedded Systems, Biometric Systems

31/08/2006 – 30/06/2010 Câmpulung Moldovenesc, România
LICEU Colegiul Militar Liceal "Ștefan cel Mare"

- Mathematics and Informatics

COMPETENȚE LINGVISTICE

Limbă(i) maternă(e): **ROMÂNĂ**

Altă limbă (Alte limbi):

	COMPREHENSIV		VORBIT		SCRIS
	Comprehensiv orală	Citit	Producerea de mesaje orale	Conversație	
ENGLEZĂ	B2	B2	B2	B2	B2
FRANCEZĂ	A2	A2	A2	A1	A1

Niveluri: A1 și A2 Utilizator de bază B1 și B2 Utilizator independent C1 și C2 Utilizator experimentat

COMPETENȚE

Microsoft Word | Microsoft Excel | Outlook | Power Point

● **PERMIS DE CONDUCERE**

Permis de conducere: B

● **JOB-RELATED SKILLS**

Abilități

- C, C++, C#, .net, SQL, Python skills
- linux
- Structuri de date și algoritmi
- Sisteme Embedded, Procesare de semnare
- PKI, semnături electronice
- Criptografie
- Învățământ și cercetare

● **PUBLICAȚII**

2020

SABRES - A Proof of Concept for Enhanced Cloud Qualified Electronic Signatures

Aciobanitei, Iulian, Vlad Dedita, Mihai-Lica Pura, and Victor-Valeriu Patriciu. "SABRES - A Proof of Concept for Enhanced Cloud Qualified Electronic Signatures" The 13th International Conference on Communications, Bucharest, 2020

2020

Implementing Cloud QES for Documents Using Available Cryptographic Libraries: A Survey

Ruica, Elena-Cristina, Iulian Aciobăniei, and Mihai-Lica Pura. "Implementing Cloud Qualified Electronic Signatures for Documents Using Available Cryptographic Libraries: A Survey" The 13th International Conference on Communications, Bucharest, 2020

2020

Qualified Electronic Signature SaaS Solution for Google Docs & Google Sheets Documents

Aciobanitei, Iulian, Ionut Luculescu, and Mihai-Lica Pura. "Qualified Electronic Signature SaaS Solution for Google Docs & Google Sheets Documents" The 13th International Conference on Communications, Bucharest, 2020

2019

Learned Lessons from Implementing an Android Client for the Cloud Signature Consortium API

Aciobanitei, Iulian, Paul-Danut Urian, and Mihai-Lica Pura. "Learned Lessons from Implementing an Android Client for the Cloud Signature Consortium API." International Conference on Information Technology and Communications Security (SecITC). Springer, Cham, 2019.

2018

AVISPA versus AVANTSSAR in the Model Checking of Secure Communication Protocols.

Aciobanitei, Iulian, Roxana-Ioana Guinea, and Mihai-Lica Pura. "AVISPA versus AVANTSSAR in the Model Checking of Secure Communication Protocols." ICETE (2), Porto, 2018.

2018

A PKCS#11 Driver for Cryptography in the Cloud.

Aciobanitei, Iulian, Lorena Leahu, and Mihai Pura. "A PKCS#11 Driver for Cryptography in the Cloud." 2018 10th International Conference on Electronics, Computers and Artificial Intelligence (ECAI). IEEE, 2018.

2018

Lightweight Version of SQRL Authentication Protocol Based on Cryptography in the Cloud.

Aciobanitei, Iulian, Iulian-Catalin Buhus, and Mihai-Lica Pura. "Lightweight Version of SQRL Authentication Protocol Based on Cryptography in the Cloud." 2018 IEEE 12th International Symposium on Applied Computational Intelligence and Informatics (SACI). IEEE, 2018.

2018

Using cryptography in the cloud for lightweight authentication protocols based on QR codes.

Aciobanitei, Iulian, Iulian-Catalin Buhus, and Mihai-Lica Pura. "Using cryptography in the cloud for lightweight authentication protocols based on QR codes." 2018 IEEE 12th International Symposium on Applied Computational Intelligence and Informatics (SACI). IEEE, 2018.

2018

A Cryptography API: Next Generation Key Storage Provider for Cryptography in the Cloud.

Aciobanitei, Iulian, Paul Danut Urian, and Mihai Pura. "A Cryptography API: Next Generation Key Storage Provider for Cryptography in the Cloud." 2018 10th International Conference on Electronics, Computers and Artificial Intelligence (ECAI). IEEE, 2018.

2020

Circuite integrate numerice – Îndrumar de laborator

Aciobăniței Iulian, Medvei Mirabela, Mărgărit Laurențiu, "*Circuite integrate numerice – Îndrumar de laborator*", Editura Academiei Tehnice Militare "Ferdinand I", București, 2020, ISBN 978-973-640-320-0

● COMPETENȚE ORGANIZATORICE

Competențe organizatorice

- leadership (coordonarea mai multor proiecte)

● COMPETENȚE DE COMUNICARE ȘI INTERPERSONALE

Competențe de comunicare și interpersonale

- communication skills gained during the academic team projects
- excellent communication skills gained during teaching activity
- intercultural abilities gained during ERASMUS+ scholarship

