



# Dino Lozina

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**Date of birth:** 08/01/1986 | **Nationality:** Croatian | **Gender:** Male |

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<https://github.com/dlozina> | Skype: dino\_lozina

## ● WORK EXPERIENCE

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01/10/2019 – CURRENT – Split

**SOFTWARE DEVELOPER** – IT SISTEMI - NOVE TEHNOLOGIJE

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- Developing client specific software using .NET framework
- Developing solutions for Enterprise Content Management (ECM)
- Developing OCR (Optical Character Recognition) applications
- Implementing machine learning solutions for classification of various enterprise content

Application development department | Information and communication | <https://itsistemi.com/en/> |

Zrinsko Frankopanska 64, 21000, Split

01/10/2018 – CURRENT – Split, Croatia

**LECTURER AND ASSOCIATE EXPERT** – UNIVERSITY DEPARTMENT OF PROFESSIONAL STUDIES

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Lecturer: Robotics

Assistant lecturer: Advanced Control Systems in Industrial Processes

- Preparing lectures
- Designing various exercises for students
- Designing machine vision programs
- Commissioning of robot

Department of Electrical Engineering | Education | <https://www.oss.unist.hr/> | Kopilica 5, 21000, Split, Croatia

21/08/2017 – 30/09/2019

**SOFTWARE ENGINEER** – KONTAKT D.O.O

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- Software development for PLC and Robots
- Software development for machine vision applications using HALCON and C#
- Implementing machine learning solutions for object recognition
- Development of GUI using WPF and C#
- Collaboration with other departments and assistance in the decision making process
- Commissioning of robot cells

Project development department | Professional, scientific and technical activities | <http://www.kontakt-zd.hr/> |

Zagrebačka 100, 23000, Zadar, Croatia

01/01/2016 – 31/05/2017

**AUTOMATION ENGINEER** – AXIUM EUROPA D.O.O

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- PLC programming
- Ensuring that the different protocols (security, I/O validation, etc.) has been performed
- Making sure that the industrial network is functional
- Controlling and ensuring the quality of installation and the final adjustments
- Completing commissioning of equipment until approval of the customer
- Team management of 5 - 10 people

Project development and commissioning department | Professional, scientific and technical activities |

<http://www.axiumsolutions.com/> | Škorpikova 1A, 10000, Zagreb, Croatia

15/03/2012 – 31/12/2015

- PLC programming
- Electrical drawings design
- HMI operator panel programming
- Responsible for testing of electrical equipment
- Commissioning

Project development department | Professional, scientific and technical activities | [www.adriawinch.com](http://www.adriawinch.com) |

Put mostina bb, 21000, Split, Croatia

15/03/2011 – 30/06/2011

**STUDENT INTERN – LASMEA - LABORATOIRE DES SCIENCES ET MATÉRIAUX POUR L'ELECTRONIQUE ET D'AUTOMATIQUE**

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- Dealing with EMC (Electromagnetic compatibility) problems

Professional, scientific and technical activities | Clermont - Ferrand, France

## ● EDUCATION AND TRAINING

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10/10/2009 – 30/06/2011 – Split, Croatia

**MASTER OF ENGINEERING (M.ENG.)** – Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture

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- Object - oriented programming
- Electromagnetic compatibility
- Simulation and measurement of electromagnetic quantities

10/10/2005 – 22/09/2008 – Split, Croatia

**BACHELOR OF ENGINEERING (B.ENG.)** – Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture

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- Fundamentals of electrical engineering
- Automation and systems
- Programming

## ● LANGUAGE SKILLS

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**Mother tongue(s):** CROATIAN

**Other language(s):**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C1	C1	C1	C1	C1
<b>FRENCH</b>	A2	A2	A2	A2	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

## ● DIGITAL SKILLS

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### .NET Framework

C Sharp | ASP.NET | Windows Presentation Fondation (WPF)

### Other programming languages and frameworks

Python | JQuery

## Versioning

Git | GitHub | GitLab

## Other digital skills

Machine Learning | Machine Vision | JIRA | Axosoft | SQL/MYSQL | Basic image processing | Basic Image Manipulation

## Tools

Visual Studio | Visual Studio Code | Postman | Fiddler

## ● DRIVING LICENCE

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Driving Licence: B

## ● ORGANISATIONAL SKILLS

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### Organisational skills

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- Project management experience
- Team management of 5 to 10 people

## ● COMMUNICATION AND INTERPERSONAL SKILLS

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### Communication and interpersonal skills

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I had the opportunity to work on projects that deal with different professions (e.g. mechanical engineering, electrical engineering) and I was part of different working teams. I gained rich international experience while working in France, Canada and USA. I possess very good communication skills and I enjoy and prefer working in multicultural environment.

## ● OTHER SKILLS

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### Other skills

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- PLC programming (Mitsubishi, Allen-Bradley, Schneider and Siemens)
- Robot programming (ABB and FANUC)
- Operator panel programmer - HMI (Mitsubishi, Allen-Bradley, Schneider and Siemens)
- Commissioning (Croatia, USA, Canada, Russia, Norway)
- Programming of hydraulic actuators

## ● CERTIFICATIONS

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### Certifications

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"FANUC " training certificate (2018) - Robot 2D and 3D Vision System

"ABB" training certificate (2017) - Robot programming

"Schneider Electric" training certificate (2015) - PLC programming and servomotors control

"Poclain Hydraulics" training certificate (2013) - Programming of control units for hydraulic actuators

## ● **SCHOLARSHIPS AND AWARDS**

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### Scholarships and awards

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University of Split scholarship 2010/2011

Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture: Certificate of Merit for excellent success during studies, Split July 4th 2009

Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture: Certificate of Merit for the most successful student of Electrical Engineering, Split July 4th 2009

Republic of Croatia; Ministry of Science, Education and Sports: State level "A" Scholarship for best average grade in class 2006/2007

## ● **HOBBIES**

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### Hobbies

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Running, cycling and game programming (Python and C#)