



# Stanko Kružić

📍 **Address:** Ruđera Boškovića 32, 21000, Split, Croatia

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🌐 **LinkedIn:** <https://www.linkedin.com/in/skruzic/>

**Gender:** Male **Date of birth:** 11/08/1985 **Nationality:** Croatian

## EDUCATION AND TRAINING

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[ 11/2015 – 03/2022 ] **Doctor of Philosophy (PhD)**

*Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture* <https://fesb.hr>

**Address:** Ruđera Boškovića 32, 21000, Split, Croatia

**Level in EQF:** EQF level 8

**Main subject / occupational skills covered:**  
PhD student in robotics.

[ 10/2004 – 09/2009 ] **Master of electrical engineering**

*Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture*

**Address:** Split, Croatia

**Level in EQF:** EQF level 7

## WORK EXPERIENCE

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[ 10/2016 – Current ] **Research assistant**

*Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture* [www.fesb.hr](http://www.fesb.hr)

**Address:** Ruđera Boškovića 32, 21000, Split, Croatia

**City:** Split

**Country:** Croatia

**Name of unit or department:** Department of Electrical Engineering

**Business or sector:** Education

**Main activities and responsibilities:**

- coursework
- research

[ 08/2011 – 10/2016 ] **Head of IT office at University Department**

**University of Split** [ozs.unist.hr](https://ozs.unist.hr)

**Address:** Ruđera Boškovića 33, 21000, Split, Croatia

**Name of unit or department:** Department of Health Studies

**Business or sector:** Education

**Main activities and responsibilities:**

- Linux and Windows server management
- user support
- documenting computing assets
- web site management (CMS systems)
- networking and network devices

## LANGUAGE SKILLS

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**Mother tongue(s):** Croatian

**Other language(s):**

### English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

### Italian

LISTENING B1 READING B1 WRITING B1

SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1

## DIGITAL SKILLS

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### Programming

Python | C++ | Javascript | Git

### Operating Systems

Linux | Windows

### Artificial Intelligence

Machine learning | Neural Networks | Tensorflow | Keras

## PUBLICATIONS

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### Publications

- Kostova, S. et al. (2018) [Identifying Needs of Robotic and Technological Solutions for the Classroom](#). *Proceedings of 26th International Conference on Software, Telecommunications and Computer Networks / Rožić, Nikola ; Lorenz, Pascal (ed.)*. Split: FESB, University of Split, 2018. 48, 6
- S. Kružić, J. Musić, I. Stančić and V. Papić, "Influence of Data Collection Parameters on Performance of Neural Network-based Obstacle Avoidance," *2018 3rd International Conference on Smart and Sustainable Technologies (SpliTech)*, Split, 2018, pp. 1-6.
- Božić-Štulić, D., Kružić, S., Gotovac, S. & Papić, V. (2018) [Complete Model for Automatic Object Detection and Localisation on Aerial Images using Convolutional Neural Networks](#). *Journal of communications software and systems*, 14 (1). doi: 10.24138/jcomss.v14i1.441.
- Maras, A., Musić, J., Kružić, S. & Stančić, I. (2017) [Quadcopter Altitude Control Methods for Communication Relay Systems](#). *Recent Advances in Communications and Networking Technology*, 6, 1-10. doi:10.2174/2215081107666180216152118
- Kružić, S. & Musić, J. (2017) [Map Building Using Autonomous Mobile Service Robots with Deep Neural Networks](#). U: Sixth Croatian Computer Vision Workshop. Split, Hrvatska, 26.09.2017.
- Gotovac, D., Kružić, S., Gotovac, S. & Papić, V. (2017) [A Model for Automatic Geomapping of Aerial Images Mosaic Acquired by UAV](#). U: *2nd International Multidisciplinary Conference on Computer and Energy Science SpliTech 2017*. Split, University of Split, FESB.
- Kružić, S. & Musić, J. (2017) [Teleoperation of Mobile Service Robots Over the Network: Challenges and Possible Solutions](#). U: Dobrijević, O. & Džanko, M. (ur.) *Ph D Forum - Book of Abstracts*. Zagreb, pp. 17-18.
- Kružić, S., Musić, J. & Stančić, I. (2017) [Influence of Human-Computer Interface Elements on Performance of Teleoperated Mobile Robot](#). U: Biljanović, P. (ur.) *Mipro 2017 Proceedings*. Opatija, Croatian Society for Information and Communication Technology, Electronics and Microelectronics - MIPRO, pp. 1206-1211.
- Kružić, S. & Papić, V. (2016) [Face and Nose Detection in Digital Images using Local Binary Patterns](#). In: *2016 International Multidisciplinary Conference on Computer and Energy Science (SpliTech 2016)*. Split, Fakultet elektrotehnike, strojarstva i brodogradnje.

## HONOURS AND AWARDS

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### Honours and awards

I was praised by the Dean for excellent academic record.

## ORGANISATIONAL SKILLS

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### Organisational skills

- well-organised
- systematic
- head of department experience

## COMMUNICATION AND INTERPERSONAL SKILLS

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### Communication and interpersonal skills

- teamwork
- good presentation skills
- initiative

## COURSES

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### Courses

- completed "CERN Thematic School of Computing 2018"
- completed "ACM SIGCHI Summer School on Computational Interaction 2017"