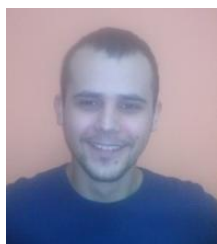


PERSONAL INFORMATION

Tarik Hrnjić



 Blažuski drum 11, 71210 Ilidža, Bosnia and Herzegovina

 +387 62 257 078

 tarik.hrnjic@live.com

Sex Male | Date of birth 13/08/1991

WORK EXPERIENCE

10/2015 – 9/2016

Student Demonstrator

International University of Sarajevo, Sarajevo (Bosnia and Herzegovina)

10/2016 –

Senior Assistant

International University of Sarajevo, Sarajevo (Bosnia and Herzegovina)

EDUCATION AND TRAINING

2011 – 2015

Bachelor degree in Computer Science

International University of Sarajevo, Sarajevo (Bosnia and Herzegovina)

3.89 GPA

2015 – 2016

Master's degree in Electrical and Electronics Engineering

International University of Sarajevo, Sarajevo (Bosnia and Herzegovina)

3.50 GPA

2016 –

Ph.D. in Electrical and Electronics Engineering

International University of Sarajevo, Sarajevo (Bosnia and Herzegovina)

PERSONAL SKILLS

Mother tongue

Bosnian

Other languages

| | UNDERSTANDING | | SPEAKING | | WRITING |
|---------|---------------|---------|--------------------|-------------------|---------|
| | Listening | Reading | Spoken interaction | Spoken production | |
| English | C2 | C2 | C2 | C2 | C2 |
| Turkish | B1 | B1 | B1 | B1 | B1 |

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

- Occupational skills**
- Programming languages
 - C++, Java, C, C#, JavaScript, PHP, MATLAB, Assembly Language for x86 processors
 - Power systems
 - Power flow, State estimation, Optimization
 - Database design
 - SQL, SQLite, Microsoft SQL server
 - Other
 - Linux, OPNET, OpenGL, XML, JSON, Machine Learning

- Organizational / managerial skills**
- Leadership and Management – managed and mentored IT projects during Moja Praksa program, with teams consisting of 5 – 8 persons
 - Organisation – organized and handled projects for Moja Praksa programme.

- General computer skills**
- Competent with Microsoft Office
 - Familiar with Photoshop

ADDITIONAL INFORMATION

- Projects**
- XML generator
 - application for automatic XML generation based on existing templates
 - FinPro
 - application for complete financial management for companies
 - Fault Location in Power Grids
 - automatic detection and correction of faults in smart grid

- Conferences**
- T. Hrnjić and A. Savatić, "Database design for multi-site smart grid asset management and operational activities," 2016 XI International Symposium on Telecommunications (BIHTEL), Sarajevo, 2016, pp. 1-5.
doi: 10.1109/BIHTEL.2016.7775715
URL: <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7775715&isnumber=7775699>
 - T. Hrnjić, I. Huseinagić and T. Đonlagić, "Software architecture and communication protocols for integration of renewables in distribution smart grids," 2016 XI International Symposium on Telecommunications (BIHTEL), Sarajevo, 2016, pp. 1-6.
doi: 10.1109/BIHTEL.2016.7775730
URL: <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7775730&isnumber=7775699>
 - T. Hrnjić and T. Donlagić, "High-speed reliable data transfer for distribution smart grid applications," 2016 XI International Symposium on Telecommunications (BIHTEL), Sarajevo, 2016, pp. 1-6.
doi: 10.1109/BIHTEL.2016.7775729
URL: <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7775729&isnumber=7775699>
 - T. Hrnjić, I. Huseinagić and F. Pašić, "Object oriented graphical user interface development methodologies for distribution smart grid applications," 2016 XI International Symposium on Telecommunications (BIHTEL), Sarajevo, 2016, pp. 1-6.
doi: 10.1109/BIHTEL.2016.7775728
URL: <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7775728&isnumber=7775699>

Teaching experience

Teaching:

- Programming for engineers
- Object oriented programming

Assisting:

- Physics
- Digital signal processing
- Introduction to power systems
- Programming for engineers
- Object oriented programming
- Numerical analysis
- Communication networks