Jasmin Šećić

# CONTACT

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Tuzla, Bosnia and Herzegovina 

# EDUCATION

# Bachelors degree

Faculty of electrical engineering

Power networks and systems

October, 2014 – July, 2018

Tuzla, Bosnia and Herzegovina

# Masters degree

Faculty of electrical engineering

Power networks and systems

October, 2019 – December, 2021

Tuzla, Bosnia and Herzegovina

# SKILLS

* Matlab/Simulink
* Very good programming skills (Python)
* Basic knowledge of C#
* Exceptional motivation for learning
* Experience with PSS/E (during my bach. studies used student version – 50 nodes limit, for power flow simulation, voltage proﬁle analysis, short-circuit simulation, etc.) and able to learn other software tools
* Very good knowledge of power system operation
* Good knowledge of power system modeling and calculation
* Very good knowledge of most types of relay protection and power system components
* German skills (B1-willignes to learn quickly)

# CAREER OBJECTIVE

My career objective is to be a skilled power system engineer.

# WORK EXPERIENCE

## Associate engineer for information and communication technology

EPBiH

June, 2019 – June, 2020 / Sarajevo, Bosnia and Herzegovina

* Configuration of remote reading of industrial meters
* Analysis of daily reports of remote meter readings
* Creation of primary substations 110/x kV for SCADA…

Junior software developer

CapeAnn Enterprises

July 2022 – September 2022 / Tuzla, Bosnia and Herzegovina

# PROJECTS

# Master thesis

*State of charge estimation for Li-ion battery using feed-forward neural network*

* Deﬁne input and output data for training and testing neural networks
* Statistical analysis of the dataset consisted of over 1 million samples

of Panasonic 3Ah battery using pandas (Python) library

* Scaling and normalization of data using own Python scripts
* Calculating of correlation coeﬃcients and creation of the heat map
* Creating, training, and testing feed-forward neural networks by

changing diﬀerent network parameters using Matlab toolbox NN tool

* Visualization of prediction accuracy and error calculation

*Assessment of local stability during decentralized management of smart*

*networks using artificial neural networks*

* Assessment of frequency stability in smart grids based on nominal power,

node elasticity, and maximum real part of the characteristic equation of

the system

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