

Marija Stanojevic

✉ marija.stanojevic@temple.edu
🌐 marija-stanojevic.github.io
👤 github.com/marija-stanojevic
🌐 linkedin.com/in/marijastanojevic
☎ +1 (267) 237-9933

SKILLS

Advanced level:

Machine Learning, NLP, IR, Python, Deep Learning, Algorithms & Data Structures, Data Mining, C/C++, Java, MySQL/Hive/Presto, Keras, ETL, HPC

Intermediate level:

Tensorflow(tf), Pytorch, Hadoop, Data Science, Research, Bioinformatics

Familiar:

Matlab, AWS/Azure, Spark, Scala, R

SELECTED COURSES

Graduate

Statistical Methods 1 & 2, Machine Learning (ML), Advanced ML, Data Mining, Computer Vision, Complex Networks, Cloud Computing, Pattern Recognition, Speech Recognition

Undergraduate

Algorithms & Data Structures 1 & 2, Programming 1, 2 & 3, Artificial Intelligence, Experts systems

Online

Convex Optimization I (Stanford University), Probabilistical Graphical Models Specialization (Coursera)

AWARDS

- Significant contributor at F31 NIH Grant (May 2020 - May 2022)
- Temple Presidential Fellowship (2017 - 2020)

ACTIVITIES

- Main Organiser of the NLP Symposium, MASC-SLL 2021
- Program Committee member at SRW @ ACL 2020, and IMMM 2020
- Reviewer at EACL 2021, "Nature Scientific Reports" and four more

REFERENCES

(upon request or see linkedin)

EDUCATION

Temple University expected May 2021
PhD, Machine Learning and Data Science
University of Belgrade Sep 2017
MEng, Signal Processing
University of Belgrade Sep 2016
BEng, Software Engineering

EXPERIENCE

Temple University Jan 2017 – May 2021
Fellow, Research (RA) and Teaching Assistant (TA) Philadelphia, PA, USA

- RA (09/17 - 05/18, 09/20 - 05/21): NSF, NIH, CDC, IQVIA projects.
- TA (09/18 - 05/19, 09/20 - 05/21): 1) Data Structures; 2) Computer Systems and Low-Level Programming
- Presidential Fellow (01/17 - 08/20): NSF, NIH and other research

Facebook Jun – Aug 2019; Jun - Aug 2020
PhD Software Engineer Intern Menlo Park, CA; New York, NY USA

- Natural Language Processing at Recruiting Science Team. (2019)
- Extreme-class prediction at Local Search Infrastructure Team. (2020)
- Python, Presto, PyTorch, Caffe2, DL, statistical NLP, internal tools.

Alliance Data Systems, Conversant Jun – Aug 2018
PhD Data Science Intern Chicago, IL, USA

- Task: Statistical analysis and unsupervised clustering of large-volume spatio-temporal data into clusters with stable properties. Hadoop, Hive, python, pandas, geo, folium, geopandas, pandas, shapely

Arbor Labs Sep 2015 – Jan 2017
Data Software Engineer Belgrade, Serbia

- Data gathering, cleaning and integration followed by classification and clustering analysis and visualization (R, Python, MySQL, D3.js).
- Software development with focus on system optimization (ETL, AWS).

PROJECTS

EAGER: Assessing Influence of News Articles on Emerging Events
Sep 2018 - now

- Papers: Stanojevic, M. et al., (2019, August); Stanojevic, M. et al. (2019, July). Book chapter: Stanojevic, M. et al., (in press).
- Awarded TACC supercomputer hardware resources through additional grant I wrote with my PI dr. Zoran Obradovic.

Pilot of a Cognitive Computing System Sep 2017 - May 2018

- Modeling complex textual and spatio-temporal immunization data. Technologies: w2v/Glove, NLP, tf, Python, Django, Java, SQLite.