

ALEKSA TEŠIĆ



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Serbia



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github.com/lmafikus

SKILLS

HIGH LEVEL	SYSTEMS & LOW LEVEL	ARTIFICIAL INTELLIGENCE
Python Java SQL	C C++ x86, Z80 Computer Architecture	Computer Vision, OpenCV
COLLABORATION	WEB DEVELOPMENT	SPOKEN LANGUAGES
Git LaTeX	HTML, CSS Django ERPNext Javascript	Serbian (<i>Native speaker</i>) English (<i>Excellent</i>) German (<i>Basic</i>)

EDUCATION

University of Belgrade, Faculty of Mathematics Department of Computer Science - Informatics Bsc, GPA: 8.7/10	2017 – present
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WORK EXPERIENCE

Penta Fintech Junior Backend Engineer	March 2019 – present
Upwork / Freelancing Individual development work, from planning to QA.	December 2017 – present
Junior Associate in Petnica Junior Associate on Computer Science and STEM departments in IS Petnica.	2017 – present

PUBLICATIONS

"Prediction of sequential movements in 2D spaces": Tešić, A; ISP Conference 2017 proceedings	
"Cloudiness estimation for video meteor observations": Nikolić, V; Schröder, L; Tešić, A; IMC 2017 proceedings	
"Estimation of Cloud Coverage from Night-Time Images": Tešić, A; ISP Conference 2016 proceedings	

LATEST PROJECTS

Music Fractals (Python, DSP) Program which distorts Sieprinski triangles based on the amplitude of the given signal. Made for geometry project on faculty, further development is for fun.	2018 – present
Notify Me (Python, HTML, Web Scraping) Scraper for my course pages on faculty website. It periodically scrapes the data and notifies me by email if and where something new was posted. Hobby project.	2018 – present
Petnica Management Software (Collaborators: Bebić N) (ERP, Python, Javascript) ERP software made for Computer Science Department in Petnica and for personal use.	2018
Bob CPU (Collaborators: Adžemović M; Majstorović V) (Logisim, C, Computer Architecture) Simulation of an 8bit processor with custom assembly language. Hobby project.	2018
LMG - GUI (Python, Meteor astronomy) App which computes LMG for visual meteor observations. Made for Petnica Meteor Group.	2017
GUI for All Sky Cloudiness Estimator (Python, Tensorflow, OpenCV) A software package that estimates cloudiness in All Sky images. Presented at International Meteor Conference 2017. Awarded 3rd place on IEEEESTEC - 10th International Students Projects Conference.	2017
Prediction of sequential movements in 2D spaces (C++, Statistics) Program which predicts movements of an object inside of a labyrinth using Hidden Markov Models. Presented on IS Petnica 2017 "Korak u nauku" Conference.	2017
Estimation of Cloud Coverage from Night-Time Images (C++, OpenCV, Statistics) Program for determining cloud coverage based of pixel distributions. Presented on IS Petnica 2016 "Korak u nauku" Conference.	2016