

ALEKSA TEŠIĆ

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SKILLS

HIGH LEVEL	SYSTEMS & LOW LEVEL	ARTIFICIAL INTELLIGENCE
Python C++ SQL	C x86, Z80 Computer Architecture	Computer Vision, OpenCV
COLLABORATION	WEB DEVELOPMENT	SPOKEN LANGUAGES
Git LaTeX	HTML, CSS Javascript Bootstrap Django ERPNext	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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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

WORK EXPERIENCE

Upwork / Freelancing Individual development work, from planning to QA.	December 2017 – present
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PROJECTS

Music Fractals (Python, OpenCV, DSP) Program which distorts Sierpinski 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 is 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 – present
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
Linear Regression Library (C++, Statistics) Simple library for linear regresion. Hobby Project.	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
Site for Non-Profit Organization (Collaborators: Adžemović M) (HTML5, CSS3, Javascript, PHP) Fully responsive site for Non-Profit Organization that fights against cancer.	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

OTHER

Junior Associate in Petnica Junior Associate on Computer Science and STEM departments in IS Petnica.	2017 - present
Petnica Meteor Group Member of meteor astronomy group in Petnica.	2017
ISPetnica Attended lectures on Computer Science department.	2015 - 2017

