

ALEKSA TEŠIĆ

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SKILLS

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

EDUCATION

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|---|----------------|
| University of Belgrade, Faculty of Mathematics Department of Computer Science - Informatics Bsc, GPA: 8.75/10 | 2017 – present |
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PUBLICATIONS

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| "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 |

PROJECTS

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| Bob CPU (Collaborators:Adžemović M; Majstorović V) (Logisim, C, Computer Architecture) Simulation of an 8bit processor with custom assembly language. Hobby project. | 2018 – present |
| 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 |
| Site for "Polyglot Language School" in Kraljevo (Collaborators:Adžemović M.) (HTML5, CSS3, Javascript) Responsive site developed using heavily modified open-source templates. | 2016 |

OTHER

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| 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 |
| IS Petnica Attended lectures on Computer Science department. | 2015 - 2017 |
| International Meteor Conference 2017 Member of the local organizing committee. | 2016 - present |