Kosta Grujcic

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EXPERIENCE

Microsoft   **Belgrade, Serbia**
Software Engineering Intern (Cognition team)   *July 2019 – October 2019*
- Ego-centric gesture recognition applied on ASL

Microsoft   **Belgrade, Serbia**
Software Engineering Intern (Cognition team)   *July 2018 – September 2018*
- Using deep learning to assist manual ground-truth labeling for eye tracking

EDUCATION

Faculty of Mathematics   **University of Belgrade, Serbia**
Bachelor in Computer Science (GPA 9.97/10.0)   *October 2017 – present*
Matematička gimnazija   **Belgrade, Serbia**
Mathematical Grammar School (GPA 4.75/5.0)   *September 2013 – June 2017*

PROJECTS

Yahtzee   *2020*
- Two players playing Yahtzee online
- Single player playing offline vs. bot

Loyd puzzle solver   *2020*
- Solving either 3×3 or 4×4 puzzles
- Comparison between different A* variations

ASL Gesture Recognition From Depth Images   *2019*
- Hand segmentation using DNN on depth images
- Gesture recognition using only DNN output

Bouncing Ball With Air Resistance   *2019*
- Project for course *Introductory in Mechanics*

Comparative Analysis of Priority Queues   *2017*
- *Graduation project*
- Comparison of different priority queues on graph algorithms

COMPETITIONS

- National Competition in Informatics (winner 2017)
- Serbian Olympiad in Informatics (3rd prize 2016, 2017)
- ACM-ICPC SEERC (participant 2017, 2018)
- Microsoft Bubble Cup (finalist 2017)

SKILLS & INTERESTS

- Machine Learning, Deep Learning, Computer Vision, Computer Graphics
- Algorithms, Data Structures
- Calculus, Linear Algebra, Probability, Statistics
- Python, C++, Java, git