

SERBAN SLINCU

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EDUCATION

- 2017 - 2020 **University of Oxford, St Catherine's College, BA Computer Science**
• First year exam results – 1 (Distinction)
- 2013 - 2017 **Petru Rares National College Suceava, Romanian Baccalaureate**
• Romanian Language – 9.4/10 • Mathematics – 10/10 • Informatics – 9.85/10

EXPERIENCE

- 2018 (ongoing) **Learn to Code Officer & Tutor, Oxford University Computer Society**
• Based on my knowledge on the Linux Command Line, Bash scripting, Vim and \LaTeX , developed and currently delivering a course for beginners in a team of two
- 2018 (summer) **Software Developer Intern, Ocado Technology, Hatfield, UK**
• Developed a new path-finding algorithm using Java based on the multi-agent A*
• The resulting code went into production, where it is being used for grids with 500 bots
- 2015 - 2016 **Competitive Programming Coach, Suceava, Romania**
• Prepared a class of 15 high school students for the national level of the Olympiad in Informatics, 2 of whom qualified for the final stage
- 2015 - 2016 **Programmer & Researcher, Alternative Solution for Speech Disorders**
• Developed a text-to-speech device using C++, a micro-controller and custom designed PCBs and conducted a study on 50 people in order to analyse the learning curve for the new device
• Silver medal at I-SWEEEP Project Olympiad, Houston, Texas
- 2015 **Programmer, CanSat**
• Designed a mini-satellite that collected data from the atmosphere and developed a real time animation of the descending of the satellite using Unity and Visual C#
• Finalist at CanSat European Competition, Santa Cruz, Portugal
- 2014 - 2015 **Programmer & Researcher, The Social Dimension of Attention**
• Conducted a study using an application programmed in C# on the level of attention of students in different social environments, in order to optimize the efficiency of my high school's classes
• Silver medal at INESPO Project Olympiad, Amsterdam, The Netherlands

SKILLS AND ACTIVITIES

- Languages** • Romanian – Native • English – Proficient • German – Intermediate • Spanish – Beginner
- Programming** • C++ • Scala • Java • Haskell
- IT** • Linux • Vim • Bash • \LaTeX
- Courses** • Design and Analysis of Algorithms • Compilers • Probability • Functional Programming • Computer Security
- Volunteering** • Department of Computer Science Student Ambassador • UKIEPC 2018 Site Organiser • Oxford Maths Festival Web Designer • TEDxOxford Volunteer • Google Hash Code 2018 Hub Organiser
- Olympiads** Silver and Bronze Medals in Romanian National Olympiads in Informatics and Mathematics from 2011 - 2017