

# SERBAN SLINCU

Phone: +447517526749 | Email: serbanslincu@gmail.com

## 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**  
• 9.4/10 Romanian Language, 10/10 Mathematics, 9.85/10 Informatics

## EXPERIENCE

---

- 2018 (ongoing)    **Learn to Code Officer & Tutor, Oxford University Computer Society**  
• Delivering a course in a team of two for beginners in Computer Science using the Linux Command Line, Bash scripting, Vim and L<sup>A</sup>T<sub>E</sub>X. 50 students have attended until now
- 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 students about 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 about the level of attention of students in different social environments using C#, whose conclusions were used in my school for over a year  
• 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, L<sup>A</sup>T<sub>E</sub>X
- Courses**        • Design and Analysis of Algorithms • Compilers • Probabilities • 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