# 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 & Lecturer, 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