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Education

- **University of Cambridge** Cambridge, UK
PhD in Computer Science 2019 – present
 - First-year PhD student, supervised by Dr Markus Kuhn
 - Project proposal: “EM covert channels in smartphones”
- **University of Cambridge** Cambridge, UK
BA+MEng in Computer Science 2015 – 2019
 - Graduated with distinction (MEng), achieving Class I in all years (B.A.)
 - MEng dissertation: “Large-scale audio eavesdropping using smartphones”
 - B.A. final-year project: “Artificial EM side channel”
- **Gimnazija “Jovan Jovanović Zmaj”** Novi Sad, Serbia
Grammar School “Jovan Jovanović Zmaj” 2011 – 2015
 - GPA: 5.00 / 5.00
 - Final-year project: “Metaheuristics for solving optimisation problems”

Work Experience

- **Cambridge Cyber Ltd.** Cambridge, UK
Security Researcher Jul–Sep 2018
 - Conducted a complete penetration test of a client’s device, from initial testing to writing a report. Discovered a critical vulnerability during testing, and provided both specific recommendations for a fix and general “best-practices” suggestions.
 - Advised a client on current cybersecurity-related events and risks. Delivered a report on current events, and attended meetings with the client to provide further advice.
- **Arm Ltd.** Cambridge, UK
Software Engineer Intern Jul–Sep 2017
 - Worked on the Machine Readable Architecture Specification (executable pseudocode defining all instructions in Arm’s ISA).
 - Implemented a TLB in the pseudocode interpreter to provide virtual address translation caching, increasing performance by 60%.
 - Investigated failing tests to find behaviour not modelled by the specification and extended the pseudocode to provide support.

- **Informatics competitions in Serbia** Serbia
Committee member *Oct 2015–present*
 - Part of the committee responsible for organising all levels of high school competitions, from county-level to the national olympiad.
 - Responsibilities include proposing problems, writing task descriptions, test data and official solutions, providing support during the competitions and resolving competitors’ appeals.
- **Microsoft Development Center Serbia** Belgrade, Serbia
Software Engineer Intern *Jul–Sep 2016*
 - SQL Big Data Team – worked on extending the U-SQL syntax and compiler to support inferring table schemas based on input data: went through the whole development process, from writing code (mostly C#, some C++ as well) to testing and integrating with the rest of the codebase.
 - Organisation of BubbleCup 9 – setting problems, writing and verifying test data, and providing support during the competition.

Honours & Awards

- **Senior Scholar** Trinity College, Cambridge
Elected for high performance in Part 1B of the Computer Science Tripos *July 2017, 2018*
- **Junior Scholar** Trinity College, Cambridge
Elected for high performance in Part 1A of the Computer Science Tripos *July 2016*
- **Trinity Eastern European Bursary** Cambridge, UK
Trinity College, University of Cambridge *April 2015*
- **Programming and Algorithmic Competitions**
 - **ACM International Collegiate Programming Contest** (International team programming and problem solving competition)
 - * NWERC (Northwestern Europe Regional Contest): 7th (2019), 14th (2018), 1st (2017), 8th (2016)
 - * World Finals: 31st (2017)
 - **Google HashCode** (Team programming competition): 5th (2017), 16th (2016)
 - **International Olympiad in Informatics** (Annual informatics competition for high school students): Silver medal (2015, 2014), bronze medal (2013)
 - **Balkan Olympiad in Informatics** (Annual informatics competition for high school students): Silver medal (2015, 2013), bronze medal (2014)
 - **Microsoft BubbleCup** (International programming contest): 9th (2018, 2015, 2013), 2nd (2014, high school only)
- **Cybersecurity Competitions**
 - **HECC!** (Cybersecurity competition organised by University of Southampton): 2nd place, team “NP Compete” (2019)
 - **Cambridge2Cambridge** (Cybersecurity competition organised by Cambridge University and MIT): 2nd (2017), qualified for finals but could not attend (2016, 2018)
 - **Inter-ACE Cyberchallenge** (Inter-university competition): 4th (2018, 2017, team category), 1st (2016, individual category)