

VALERIA POPESCU

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EDUCATION

2019-present: University of Birmingham, BSc in Computer Science

- Invited to **Palantir Recruiting Event - Summer Trivia Evening (July 2020)**
- **Awarded the Grace Hopper Celebration 2020 Scholarship**
- Invited to **Google Get Ahead 2020** Program
- Awarded one of the few **Computer Science Excellence Scholarships**, in light of achievements
- **Vice president** for the **Computer Science Society**, working towards organizing events and workshops
- First-year representative for the **Teaching Committee** in the School of Computer Science
- Modules: Programming in Java, Data Structure & Algorithms, Artificial Intelligence, Logic & Computation

2014-2019: „Avram Iancu” High school, Cluj-Napoca, Romania

- Romanian Diploma of Baccalaureate: Mathematics – **10/10**, Computer Science – **10/10**, Romanian Language and Literature – **9.75/10**
- Won a **Bronze Medal** at the **National** Stage of the Computer Science Olympiad (**April 2017, Brasov**)
- **Honourable Mention** at “Marian Tarina” Computer Science Contest (**March 2017 and March 2019, Turda**)
- **Honourable Mention** at “Grigore Moisil” programming contest (**April 2019, Baia-Mare**)
- Participant at “Mindcoding” **International Programming contest (May 2017)**
- Catalyst Coding Contest, Cluj: **14th place out of 200** on November 2018

EXPERIENCE

ARM Software Engineer Internship (June 2020 - September 2020)

- Working on **Fault Tree analysis** for Self-driving cars in Arm Functional Safety

JP Morgan, Bloomberg and Jane Street Spring Weeks (April 2020)

- Programs include hackathons, tournaments, completing practical tasks in Software Engineering and networking

Meet IT Winter Workshops (02-08 Jan 2020)

- Worked towards the organization of a prestigious **international programming camp** in Warsaw
- Participants range from national and **International Olympiad** participants to **ACM ICPC** winners
- Prepared packages for problems and guided participants during **Olympic Activities**

TECHNOVATION CHALLENGE - EcoAlert (Angular, Ionic) (March-May 2019)

- Developed a mobile application in which people can volunteer or create events to solve environmental issues
- Integrated Google Maps API so that users can see activities, set a notification range and choose a location when creating an event
- **Qualified** as one of the **top 5 teams** from 30 in Romania to present our application in Bucharest
- **Launched** the app on PlayStore and developed a business plan for it

UNI-SaIN HACKATHON - Noublie (Android Studio, Java) (December 2018)

- **Won first place**, being the only high school student
- The app was connected to a device that released appropriate pills at certain hours to help users manage their medication

“DISCOVER YOUR PASSION IN IT” - MedFinder (Android Studio, Java, Firebase) (May-September 2018)

- **Built a mobile application** to provide users with a list of medical institutions in the area, a rating, and an appointment system
- Developed strong **leadership skills**, by managing task administration, setting goals and mentoring the team
- **Won** the Fortech Company prize

INTERNATIONAL INFORMATICS OLYMPIAD IN TEAMS

- Participated in each of the four online competitions held every year of high school, being ranked as **top 50%** in Romania
- Required strong organization skills to enable the team’s success as well as unique approaches to problem-solving
- Gained a strong knowledge of **data structures & algorithms**

VOLUNTEERING

TEACHING FOR THE EXCELLENCE COURSE IN INFORMATICS, a course organized for students in my school

- Taught younger students **basic algorithms and concepts** of programming
- **Developed leadership skills** by organizing the classes through weekly mentoring

PROGRAMMING TUTOR FOR MEET IT PHILANTHROPY, helping children from unrepresented families in the Philippines

SKILLS

- **Software:** C++, Java, Python
- **Tools:** Git/Github, Android Studio, Ionic, Flutter, Firebase, Linux
- **Other:** Object-oriented design, Database Design and Programming with SQL course by Oracle Academy, JSON
- **Languages:** English (**Certified C2**), Romanian, Russian, French, German