Baltaretu Ana

Bachelor of Computer Science and Engineering

✉ ana.baltaretu@outlook.com
📞 +40747808360
in linkedin.com/in/ana-baltaretu
🏠 Nicolaas Beetslaan 99, Delft, Netherlands, 2624 XN
○ https://github.com/ana-baltaretu

Education

Bachelor of Computer Science and Engineering at Delft University of Technology	2019 - Ongoing
"Tiberiu Popoviciu" Computer Science High School, Cluj-Napoca, Romania	2015 - 2019

- Intensive Mathematics, Physics, English and Computer Science class.
- Romanian Diploma of Baccalaureate: Mathematics M1, Computer Science, Romanian Language and Literature.

"Go to the Olympiad", training for the Computer Science Olympiad, C++, algorithms	2015 - 2019
"Discover Your Passion in IT", app development training course	2016
"Academy++ Pool" intensive programming self-taught course**, Linux, C, algorithms	2017
"Technologies in Digital Image", Photoshop and Premiere Pro training course	2017 - 2018
"Pre-University Calculus" Edx Online, online course	2018 - 2019

Achievements

First Tech Challenge, a competition in which students have to design, build and program robots from scratch, as well as develop a fund raising strategy.

  Roles: Team Leader, Lead Java Programmer, Fusion 360 3D Modeler, Media Team Coordinator.

  Skills Developed:

- Learnt to structure code, to make it easy to read and understand.
- 3D modeling developed my understanding of how different mechanisms function.
- Increased my teamwork and communication capabilities.
- Developed the capacity to do research and learn on my own.

  Awards and competitions:

Participant in **BRD First Tech Challenge Romania,** Bucharest	2016 – 2019
Participant in **Romania's National Robotics Summer Camp**	2018

- **First place** at the tournament
- **First place** at the 3D Design Category

Think Award at the Regional Stage, Cluj - Napoca	2019

Catalysts Coding Contest, a contest in which problems become more difficult as you progress through levels.

  Skills Developed:

- Developed the ability to understand and solve problems much faster, since time was a key factor in determining the ranking.
- Learnt how to cooperate with my teammates and how to write and explain my code at the same time.

Computer Science Olympiad
  <u>Skills Developed:</u>
- Expanded my knowledge of algorithms and problem solving techniques.
- Became more motivated to expand my knowledge of Computer Science
- Remodeled my way of thinking into a more logical one, specialized in finding solutions.

  <u>Awards and recognitions:</u>

Third place at the County Stage of the Computer Science Olympiad, Cluj-Napoca.	March 2017
Honorable mention at "Marin Tarina" Computer Science Contest, Turda.	March 2017
Bronze medal at the National Stage of the Computer Science Olympiad, Brasov.	April 2017
Second place at the County Stage of the Computer Science Olympiad, Cluj-Napoca.	March 2018
Participant at the National Stage of the Computer Science Olympiad, Constanta.	April 2018

Technovation Challenge, an app development competition for girls, with themes such as ecology and health.
  <u>EcoAlert</u> is an app adapted to the specific needs of an ecological project. It has functionalities such as the ability to organize, view or participate in an event.
  <u>Skills Developed:</u>
- Increased my understanding of multiple programming languages: Java Script, HTML and CSS.
- Explored technologies such as: Google Maps API, Firebase and GitHub.

  <u>Milestones:</u>
  Fifth place after qualifying to do a presentation of the app.
  Released the EcoAlert app on **Play Store**.

Uni-Sain Hackathon, a 24h health themed app developing competition.
  <u>Skills Developed:</u>
- Learnt to work fast and adapt to the style of the people that I work with.
- Acquired the ability to split a project in smaller parts and allocate a part to each member.

  <u>Awards:</u>
  First place for our app, which was connected to a device and had to release medicine at certain hours.

Competences

Languages:

Romanian	-	native
English	-	**Certified C2 level in English**
		Cambridge English C2 Advanced qualification (2018)
		Cambridge English overall score: 201 out of 210 points
German	-	beginner
Dutch	-	beginner

Programming languages: C++, C, C#, SQL, Java, Java Script, HTML, CSS.

Other technologies: CAD (Fusion 360), GitHub, Microsoft Office, Android Studio, Ionic, Photoshop, Premiere Pro.