

Bogdan-Andrei Bancuta

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PROFESSIONAL PROFILE

A dynamic and enthusiastic **Computer Science and Engineering student** with good understanding of software engineering and hardware programming principles. Studies, community leadership and extracurricular activities equipped me with various abilities and skills, including communication, teamwork, and working under time constraints. Fluent in **English** and **Romanian**, communicating effectively in a multicultural environment. I am ready to contribute to a high-performing team while further strengthening skills and knowledge.

TECHNICAL SKILLS

- **Java**
- **JavaFX**
- **C++**
- **HTML**
- **SQL**
- **Python**
- **Scala**
- **GitLab**
- **JSP**

PROFESSIONAL DEVELOPMENT

SmartCity – Scenwise | May-June 2023

- Worked in a team to improve and develop new features for the SmartCity application developed by Scenwise, which offers an integrated view and monitor capabilities of different types of transport across the Netherlands.

Software Developer Intern – Amazon Spain | June-Sept 2023

- Worked as Software Developer Intern for 3 months in the team responsible for improving and maintaining the books detail page, one of the most visited webpages in the world

EDUCATION

Bachelor's Degree in Computer Science and Engineering | ongoing

Technische Universiteit Delft, Netherlands

Honours Programme – Competitive Programming | ongoing

Technische Universiteit Delft, Netherlands

Minor Project Management | ongoing

Technische Universiteit Delft, Netherlands

Teaching Assistant for Algorithm Design Course | 2023

Technische Universiteit Delft, Netherlands

International Computer Science High School | 2021

COURSES:

Machine Learning Specialization – Coursera

Completed Stanford University's Online Course on Machine Learning

Natural Language Processing Specialization – Coursera

Deep Learning AI

Marketing and Ecommerce

ESIC Business & Marketing School Madrid

LANGUAGES

- **English** - advanced
- **German** – beginner
- **Romanian** - native

ACHIEVEMENTS

- **Participated at Benelux Algorithm Programming Contest – TU Delft in 2021**, being member of the team ranking 33rd in a competition with participants from Netherlands, Belgium, and Luxembourg.
- **Participated in Delft Algorithm Programming contest – TU Delft in 2021**, being member of the team ranking 11th in a competition with participants from Delft.
- **Participated in Cloudflight Coding contest in 2019 and 2021**, being member of the team ranking 94 and 413 globally.
- **Participated 4 times at National Olympiad in Informatics and qualified for the national phase of the International Informatics Olympiad for Teams** which was canceled due to Covid-19 pandemic in 2020.
- **Qualified in the top 1500 participants in the second round of the Facebook Hacker-Cup**, an international contest, in 2020.
- **Supervised smooth running of the mathematical contest** organized by Lumina Foundation – Romania in 2019
- **Member of the team participating in National Space Society Space Settlement Contest**, learning about precision involved in design of large-scale engineering projects and designing a space settlement independent from Earth.

PROJECTS

Object Oriented Programming Project – TU Delft | 2022

- Played a key role in the team who created an educational quiz game for raising awareness on energy consumption as part of a course at TU Delft.

Software Engineering Methods Project – TU Delft | 2023

- Played a key role in the team who designed and created a back-end application for people who practice rowing.

Continuous-Time Stochastic Lyapunov Stability – TU Delft | ongoing

- Assisting in the discovery of a method to guarantee the stability of a continuous-time stochastic system using Lyapunov functions.