

Ojica Alexandru-Nicolae

Student • TU Delft Computer Science and Engineering

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EDUCATION

TU DELFT (TECHNISCHE UNIVERSITEIT DELFT) | B.S. IN COMPUTER SCIENCE AND ENGINEERING

Currently in my first year, Expected to graduate June 2024 | Delft, the Netherlands

- Courses taken: OOP, Computer Organisation, Algorithms & Data Structures, Web & Database Technology, Calculus, Linear Algebra, Probability & Statistics, Information & Data Management, Computer Networks, Software Quality & Testing

"PETRU RAREȘ" NATIONAL COLLEGE | MATHEMATICS AND COMPUTER SCIENCE CLASS

September 2013 - July 2021 | Piatra Neamț, Romania

- Graduated middle and high school with 9.77 and 9.40 general grades respectively.
- Passed the Baccalaureate exam with 9.06 final grade

ADVANCED INFORMATICS | EXCELLENCE CENTER PIATRA NEAMȚ, 2017-2019

SKILLS AND INTERESTS

PROGRAMMING LANGUAGES

- C/C++, Java, C#, x86 ASSEMBLY, SQL, JavaScript

VERY FAMILIAR WITH

- Unreal Engine 4, Unity, Spring Boot, JavaFX, Git, OOP concepts, NodeJS
- Algorithms & Data Structures

GAME DEVELOPMENT

- online courses, personal projects, university projects, as well as real-world experience in testing
- co-founder and programmer at [Motion Arts](#)

RELATIONAL SKILLS

- Great team worker, great communication, organizational and decision making skills, good at conflict defusing in a group, completely capable of working in a diverse team

PROJECTS

ROBOT SOFTWARE PROGRAMMING | "PETRU RAREȘ" NATIONAL COLLEGE ROBOTICS CLUB, 2018 – 2021

- Programmed in Java the a driver-controlled mode and an autonomous mode for the robot
- Managed to get sponsored by BRD-Group Societe Generale bank and Endava

OBJECT-ORIENTED PROGRAMMING PROJECT | TU DELFT, FEBRUARY 2022 - APRIL 2022

- Developed a Full-Stack Quiz Game to raise awareness on energy consumption following SCRUM principles
- Designed and Implemented the project from scratch in a team of 6 people going through all stages of production: design, prototyping, heuristic evaluation and test-driven development using Spring Boot and JavaFX.

LANGUAGES

- Romanian - native
- English - Professional working proficiency (Cambridge C1 level)

CONTESTS

INTERNATIONAL

- Participated, International Informatics Olympiad for Teams |2019

DOMESTIC

- Rank 7, Mention Regional Olympiad of Informatics
- 10th place out of 200 teams, Qualcomm & BRD First Tech Challenge Romania |2018
- 5th place out of 200 teams, Qualcomm & BRD First Tech Challenge Romania |2019
- Collins Aerospace Innovate Award, Qualcomm & BRD First Tech Challenge Romania |2019