

# Matei Bucur

BSC in Technical Computer Science · UNIVERSITY OF TWENTE

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## Education

### University of Twente

Enschede, Netherlands

BSC in Technical Computer Science and Honours member of Business and Entrepreneurship track

Sept. 2020 - Jun. 2023

- CS Areas of study: Software Systems (Java, Object-Oriented Design), Network Systems, Data & Information, Computer Systems, Intelligent Interaction Design, Mathematics (Calculus, Linear Algebra, Probability Theory, Statistics, Discrete math)
- Honours Business & Entrepreneurship: excellence program lasting 3 semesters with 30 ECTS of additional coursework for the top 10% of the class
- Negotiation Project Twente: foundation which uniquely educates higher-level students about the tenets of negotiation

### "Tudor Vianu" National College of Computer Science

Bucharest, Romania

BACCALAUREATE DIPLOMA

Sept. 2016 - Jun. 2020

- Mathematics-Informatics, intensive Informatics Class
- Averaged 9.65/10 in the Bacalaureate Exams in Romanian Language, Mathematics and Physics.

## Certifications

### British Council

IELTS

- Overall average of 7.5

### freeCodeCamp

- Responsive Web Design
- JavaScript Algorithms and Data Structures

## Technical Experience

### Data analysis web application project

University of Twente

March 2021 - June 2021

- 5 sprints; worked on the design and development of both frontend and backend for a RESTful web application that gives the users insights based on an analysed dataset
- Used Scrum methodology; played the role of the Scrum Master during a whole sprint; conducted daily meetings and monitored the progress of the team
- Worked under the supervision of the employees of the company that provided us with the project case; met all stakeholders' requirements

### Client-server multiplayer game

University of Twente

Dec. 2021 - Feb. 2021

- Adhered to all coding standards and good practices I have learned throughout the module
- Structured the code according to the Model-View-Controller pattern, with good documentation and good application of the object-oriented programming concepts
- Used pair programming during development

## Skills

### Programming & Tools:

- Java, Python, C++
- HTML, CSS, JavaScript, React
- Microsoft Office

**Team Spirit** The university aided me into strengthening my teamworking skills as the Computer Science programme has an emphasis on teaching how to properly work in a group and provided me with management tools like the group contract or the scrum methodology.

**Computer Science** My involvement in this field of science taught me more than just programming, designing a database, building an application, or understanding how internet works. It improved my problem-solving skills and educated me on complex systems and the way things relate to each other.

**Negotiation** From the first class at Negotiation Project Twente, I knew that this would become one of my greatest passions. I built a broad understanding of the negotiation process by attending all the theoretical sessions and studying the recommended materials. In addition, I applied all the techniques learned during multiple negotiation simulations.

**Entrepreneurial mindset and business skills** Joining the Honours programme put me out of my comfort zone and helped me to expand my knowledge. The assignments and the extra work needed for this extra course were crucial for the improvement of my managerial, communication and writing skills.

**Discipline and work ethic** In my view, the passions that someone has influence their whole character. For me, fitness and running changed me both physically and mentally. These, combined with my enthusiasm for self-help books made me a disciplined person that is driven to reach its full potential through hard work and dedication.

## Languages

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- **English** - Proficient
- **Romanian** - Native

**My personal portfolio web page can be found at:** [www.mateibucur.me](http://www.mateibucur.me)