Matei Bucur

BSC in Technical Computer Science · UNIVERSITY OF TWENTE

Street Rembrandtlaan 138, Enschede, prov. Overijssel, Netherlands

 +40722749051 | m.bucur@student.utwente.nl | https://www.linkedin.com/in/matei-bucur-57a591207/

Education

University of Twente *Enschede, Netherlands*

BSC in Technical Computer Science and Honours member of Business and Entrepreneurship track *Sept. 2020 - Jun. 2023*

- Second Year
- CS Areas of study: Introduction to Computer Science, Software Systems (Java, Object-Oriented Design), Network Systems, Data & Information, Mathematics (Calculus, Linear Algebra, Probability Theory)
- Honours Business & Entrepreneurship: excellence program lasting 3 semesters with 30 ECTS of additional coursework for the top 10% of the class

" 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 Baccalaureate 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

Lenovo Foundation

- Internet of Things Training

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

Integration Project *University of Twente*

February 2021 - March 2021

- Designed and implemented in Java a fully distributed multi-hop ad-hoc chat application using emulated wireless sound communication among 4 nodes
- Was designated as the most valuable member of the team

Client-server multiplayer game

- 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

Design Project

- Made a design by means of UML diagrams for a parking software system
- Analysed the multiple business processes and identified and described several use cases
- Conducted an interview in order to extract relevant requirements

Skills

Programming & Tools: Microsoft Office, Java, Python, SQL, C++, HTML, CSS, JavaScript, React.

Team Spirit I have been developing it during the years of high school where I was part of the robotics team and I also participated in multiple contests. The university aided me into strengthening these 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.

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

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

My personal portfolio web page can be found at: https://mateib47.github.io/personal-portofolio-webpage/