

# Tiago Barbosa

Porto, Portugal

✉ tiago.filipe.barbosa@gmail.com | 📅 August 5th, 2002 | 📷 th0rz05 | 📄 tiagobarbosa05

## Personal Profile

I'm a Computer Engineering student currently studying at FEUP in Porto and I'm in the 1st year of the Master's Degree in Computer Engineering. I stand out for my ability to solve problems and manage teams efficiently which were vastly applied on my academic projects. On these I was focused on the project management and being able to find game-changing solutions adapted to each project. Currently focused on Artificial Intelligence and CyberSecurity.

## Education

### Faculty of Engineering of University of Porto

Porto, Portugal

#### Master's Degree in Informatics and Computing Engineering

September 2023 – Present

- **Areas:** Machine Learning, Computer Security, Cryptocurrencies, Generative AI, Probabilistic Programming, Quantum Computing, Software Development (Large Scale), Information Processing and Retrieval, Distributed Systems (Large Scale), Interactive Graphics Systems, Requirements Engineering, Enterprise Management and Entrepreneurship, Information Systems Management, Project Management and Marketing

### Faculty of Engineering of University of Porto

Porto, Portugal

#### Bachelor's Degree in Informatics and Computing Engineering

September 2020 – July 2023

- Graduated with 18/20.
- **Areas:** Artificial Intelligence, Functional and Logic Programming, Parallel and Distributed Computing, Web Technologies, Computer Networks, Computer Security, Theory of Computation, Computer Systems Fundamentals, Programming, Algorithms and Data Structures, Databases, Operating Systems, Human-Computer Interaction, Algorithm Design, Compilers and Computer Graphics

## University Projects

### Notifications Micro Service

GitHub

#### Altice Labs and FEUP

Feb 2023 - Jun 2023

- This project proposes a new micro-service for network alerts. It goes beyond traditional methods by sending real-time notifications directly to Altice and users' preferred platforms (WhatsApp, Teams, etc.). This ensures faster response times and a more informed user experience, ultimately improving telecommunication service reliability.
- **Technical Skills:** Java, Quarkus, Kubernetes
- **Soft Skills:** Leadership, Teamwork, Logical Thinking, Report Writing

### Bound Game

GitHub

#### FEUP

Feb 2023 - Jun 2023

- This project is a part of the Artificial Intelligence course unit @ FEUP. Bound is a two-player board game that we recreated in Python, including the development of AI-powered CPU players.
- **Technical Skills:** Python, Artificial Intelligence
- **Soft Skills:** Leadership, Teamwork, Time Management

### EFood

GitHub

#### FEUP

Feb 2022 - Jun 2022

- This project is a part of the Web Languages and Technologies course unit @ FEUP. EFodd is a website that aggregates restaurants from Porto and let's clients order their food from different and various restaurants.
- **Technical Skills:** HTML/PHP/CSS/SQL, Web Development, Database Management
- **Soft Skills:** Leadership, Teamwork

## Skills

<b>Programming</b>	Python, Java, C/C++, JavaScript, SQL, NoSQL, HTML/CSS, PHP, Haskell, Prolog
<b>Technical Skills</b>	Machine Learning, Cybersecurity, Web Development, Database Management Systems, Cloud Computing, Git and Agile/Scrum.
<b>Soft Skills</b>	Communication, Problem-solving, Teamwork, Leadership, Time Management, Project Management and Analytical Skills.

## Languages

<b>Portuguese</b>	Native proficiency
<b>English</b>	Professional proficiency