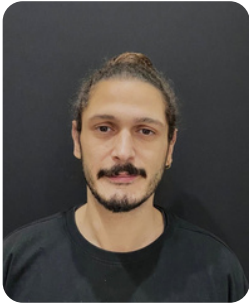


# IMAD IBRAHEM

BUSINESS INFORMATICS GRADUATE  
“WIRTSCHAFTSINFORAMTIKER”

Recent “Wirtschaftsinformatik” graduate from TU-Berlin and currently seeking new opportunities as a Software Developer where I can contribute and develop my knowledge in programming, I am committed to continuous learning and eager to tackle new challenges.



+49 176 22663571 | imadibrahem23@gmail.com | linkedIn | GitHub | Portfolio Website | Berlin, Germany

## EDUCATION

|                       |                     |                                       |
|-----------------------|---------------------|---------------------------------------|
| • Oct 2019 – Mar 2025 | TU-Berlin:          | Business Informatics (B.Sc)           |
| • Oct 2021 – Nov 2022 | Universty of crete: | “Erasmus” Business Informatics (B.Sc) |
| • Oct 2011 – Nov 2015 | Tishren University: | Architecture (B.Sc)                   |
| • Sep 2007 – Jun 2011 | Harfoush School:    | High School Degree: 1.3               |

## WORK EXPERIENCE

|   |                    |
|---|--------------------|
| Student Job – IT Support & Web Development  | Apr 2024– Mar 2025 |
| Die 3 Zahnärzte clinic  | Berlin, Germany    |
| • Provided IT support and managed website development and maintenance to improve user experience and online presence.                     |                    |
| • Optimized website content for better search engine rankings, resulting in a 17% increase in visibility and online appointment bookings. |                    |
| • Supported social media advertising campaigns, enhancing engagement and improving client outreach.                                       |                    |

|   |                    |
|---|--------------------|
| Internship – Intelligent Software Systems   | Oct 2023– Mar 2024 |
| TU Berlin   | Berlin, Germany    |
| • Developed a campus experience mobile application to enhance student interactions and navigation.  |                    |
| • Implemented an interactive map interface allowing users to find points of interest (POIs), navigate routes, and receive activity suggestions. |                    |
| • Utilized Java, Spring Boot, Flutter, and PostgreSQL to build a scalable and user-friendly platform.   |                    |

## RECENT PROGRAMING PROJECTS

|   |                    |
|---|--------------------|
| Murus Galicus AI & GA optimization:   | Thesis project     |
| • Developed an engine for the board game "Murus Galicus" as part of my bachelor thesis, featuring an interactive GUI and a competitive AI bot.        |                    |
| • Implemented Genetic Algorithms (GA) for optimizing the AI's decision-making process, enhancing its ability to adapt strategies dynamically.         |                    |
| • Technologies: JAVA, GUI, Genetic Algorithms, AI Algorithms  |                    |
| Pac-Man AI Project:   | University Project |
| • Developed an AI-driven Pac-Man agent as part of an Erasmus university project, exploring various AI algorithms for pathfinding and decision-making. |                    |
| • Implemented intelligent behaviors for navigating mazes, avoiding ghosts, and collecting items efficiently.  |                    |
| • Technologies: Python, AI algorithms   |                    |

## KEY SKILLS

|                          |                 |          |              |                     |               |                 |         |         |   |         |
|--------------------------|-----------------|----------|--------------|---------------------|---------------|-----------------|---------|---------|---|---------|
| • Programming Languages: | Java            | Python   | SQL          | JavaScript          | Flutter       | HTML            | CSS     | Scala   | R | Haskell |
| • Tools & Technologies:  | Spring Boot     | Git      | Maven        | GUI                 | REST APIs     | IntelliJ        | Eclipse | VS Code |   |         |
| • Methods & Techniques:  | OOP             | Agile    | SEO          | Data Analysis       | AI Algorithms | Data Structures | UML     | BPMN    |   |         |
| • Soft Skills:           | Problem Solving | Teamwork | Adaptability | Attention to Detail | Creativity    |                 |         |         |   |         |

## ACHIEVEMENTS

- Codewars: 4 kyu (Top 8%)

## LANGUAGES

|             |              |             |             |
|-------------|--------------|-------------|-------------|
| • German C2 | • English C2 | • Arabic C2 | • French A1 |
|-------------|--------------|-------------|-------------|