# Tudor Matei

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## Skills

**Technologies:** Java (Spring Boot, Tomcat, JUnit), Python (Tensorflow, Flask), C#, C++, SQL, ASM, React/Native, JavaScript, TypeScript, HTML, CSS, Git, Linux, Docker, Redux, gRPC, Unity, Aglie (Scrum)
**Fluent Languages:** English & Romanian

## Experience

**Virtomat**                                                                                  Bucharest, Romania
**Full-Stack Engineer Intern**                                                      Dec 2022 – Mar 2023
- Migrated the full-stack Virtomat cloud-native platform from PHP into a modern React front-end architecture, improving performance and user experience.
- Designed and implemented a scalable Strapi and NodeJS backend, enabling seamless integration with RESTful services.

**ENSO Artificial Intelligence**                                                    Bucharest, Romania
**Software Engineer Intern**                                                          May 2022 – Jul 2022
- Managed machine learning projects, facilitating collaboration between data scientists and software engineers
- Set up and configured Linux-based environments to deploy and run machine learning models, ensuring system reliability and performance.

## Projects
github.com/tudormatei

**Men in Black**                                                      Tomcat, Java, React, Postgresql
Developed an end-to-end finance management platform for @meninblack.ro, designed to streamline workflow.

**Mayor's Chatbot**                                                                                Python
Implemented a comprehensive email automation system for the chatbot of Bucharest's Mayor, Nicușor Dan, that impacted thousands of users.

**Synthetic Fingerprint GAN**                                          Tensorflow, Python, gRPC
Engineered a synthetic fingerprint generator utilizing generative adversarial networks (GANs) in TensorFlow.

## Education

**University of Twente**                                                            Enschede, Netherlands
B.S, Computer Science, GPA 4.0                                                          2023 - Current
Relevant Coursework: Algorithms & Data Structures, Computer Architecture, Operating Systems, Network Systems, Databases, Machine Learning, Object-Oriented Programming

Honours Degree, Entrepreneurship & Business Development
Relevant Coursework: Setting-Up Businesses, Effectual Approaches, Market Research, Pitching and Presentations

**Online Certifications**                                                            May 2020 - Apr 2022
**Coursera:** Tensorflow Specialization - DeepLearning.ai (4 courses)
**Udemy:** Data Structures and Algorithms, Java Masterclass, Python Bootcamp

**European School of Bucharest**                                                  Bucharest, Romania
International Baccalaureate, Final Grade: 39/45 - GPA 3.75                              2019 - 2023
Relevant Coursework: High Level (Mathematics, Computer Science, Romanian), Standard Level (Business, Physics, English)