

RAUL MOIȘ

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🏆 Kaggle: raulmois05

🌐 TryHackMe: mrau5



EXPERIENCE

Software Tester Intern

VALEO IT Services International

📅 July 2023 – September 2023 📍 Timișoara

- Implemented Test Automation for live production applications using Selenium and Python
- Worked in an Agile environment using tools such as GitHub, Jira, Confluence
- Conducted API and Performance Testing of web applications using Postman and JMeter
- Documented and Maintained tests while adhering to Test Creation and Maintenance Protocols

Summer Practice Hackathon

Haufe Group

📅 8 June 2024 📍 Timișoara

- Selected as one of the winners of a hackathon where I created a Movie sharing platform with ML movie recommender capabilities using HTML, CSS and Python with the Django framework alongside Sklearn and Pyspark in a time window of 7 hours.

PROJECTS

Machine Learning App - Book Recommender

- A Book Recommender System using Content-Based and Collaborative Filtering approaches, submitted as my bachelors thesis. Offers 3 options of algorithms for the CB approach, showcasing the difference between each method. the ALS algorithm was utilized for the CF approach.
- Built using Python with sklearn, pyspark, pandas and GUI built using tkinter.
- [Github Link](#)

Kaggle Competition - Contradictory, My Dear Watson

- Obtained 2 place in the "Contradictory, My Dear Watson" Kaggle competition with an accuracy score of 88.8%. Solution utilized a fine-tuned XML-RoBERTa model pre-trained on various MNLI datasets.

Home Lab - Kali Virtual Machine

- A Kali Linux virtual machine created to experiment and learn cybersecurity concepts such as the OWASP Top 10 vulnerabilities or exploring different encryption and hashing tools. Also for experimenting with Kali linux tools in a practical way, tools such as: Nmap for network scanning, Enum4Linux for enumeration of Network Services vulnerabilities, Metasploit and the variety of tools provided in BurpSuite.

Back-end for Web App - Brew Buddy

- A back-end for a web app that allows users to manage their tea collection, create favourite and owned tea lists and set preferred infusion times. Written using Python with the Django framework.
- [Github Link](#)

Mobile App - Sleep Buddy

- A mobile application that helps you manage sleep cycles for optimal sleep. Built in Java using Android Studio and SQLite.
- [Github Link](#)

Desktop App - Cărturești Wishlist

- A Wish List Application for Carturesti.ro and Libris.ro built using Java, JavaFX, and HtmlUnit that notifies the user of the best deals using a web scraper.
- [Github Link](#)

EDUCATION

Masters' in Cyber Security

West University of Timișoara

📅 2024 – 2026 (in progress)

B.Sc. in Computer Science

West University of Timișoara

📅 2021 – 2024

STRENGTHS & SKILLS

Eye for detail

Quick Learner

Problem Solver

Adaptable

Python

Django

Java

GitHub

REST API's

Machine Learning

Agile/Scrum

Recommender Systems

Networking

Security Fundamentals

Linux

Manual/Automated Testing

CERTIFICATES

- 1 **Cambridge Certificate in Advanced English**
Ability at Level 3: C2 Level
- 2 **Pre Security, Introduction to Cyber-Security - TryHackMe**
Certificate of Path Completion

LANGUAGES

Romanian	-	Native
English	-	C2

INTERESTS

Travelling • Cooking • Modding • Gaming • Self-Improvement