

LIVIU-VALENTIN BORDEA

CYBERSECURITY SPECIALIST & SOFTWARE DEVELOPER



ABOUT ME

Computer Science and Cybersecurity graduate, eager to start my career. Strong foundation in programming and security, with hands-on experience from academic projects. Motivated to learn, adapt, and contribute in an entry-level role.

PROJECTS

Master's Thesis: Image Reconstruction

Implemented and analyzed AI-based image generation and reconstruction techniques using StyleGAN3, Stable Diffusion, VQ-VAE-2, and DALL-E. Worked with pre-trained models to evaluate their effectiveness in cybersecurity applications.

Bachelor's Thesis: Educational Android Application

Developed an Android application from scratch using Android Studio and Java, providing interactive educational content for children. This project required skills in UI/UX, full-stack development, and project management.

Personal Project: TikTok Interactive Game

Developed a Python-based interactive game for TikTok Live, integrating real-time user interaction via comments. Used TikTok API to process responses, display winners, and manage a ranking system. Implemented features like quiz challenges, image puzzles, and a live leaderboard to enhance engagement.

Personal Project: RFID Security Project

Explored the feasibility of using an Android smartphone to emulate an RFID card (13.56 MHz) for access control. Conducted in-depth research on RFID technology and Android capabilities, progressing until the requirement to root the device was identified.

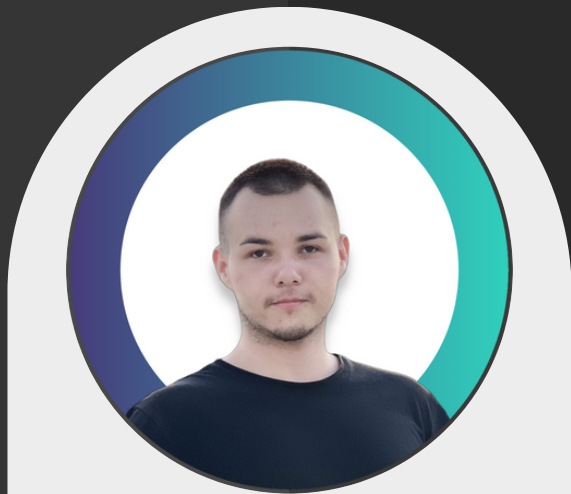
Website Development for Educational Institution

Designed and implemented a secure, user-friendly website using a web development platform, facilitating document sharing and improving internal communication for a local school. Utilized cloud storage to ensure data security and accessibility, providing a practical and efficient solution tailored to the school's needs.

CERTIFICATIONS

Introduction to Bitcoin and Open Blockchains Workshop,
Pragma Workshops, Teacher Andreas M. Antonopoulos

Introduction to Cybersecurity,
Cisco Networking Academy



CONTACT

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EDUCATION

Master's degree
Cybersecurity
2022 - 2024
West University of Timișoara

Bachelor's degree
Computer Science
2018 - 2022
West University of Timișoara

High School Diploma
Mathematics and Computer Science
2014 - 2018
Colegiul Național David Prodan

MY SKILLS

Technical ———●—
Problem-solving ———●—
Analytical ———●—
Communication ———●—
Teamwork ———●—
Adaptability and Flexibility ———●—

LANGUAGE

Native language: Romanian
Second language: English