

### CONTACT

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### PROFESSIONAL EXPERIENCE

#### Cybersecurity Seminars - Google.org | Apr. - Dec. 2025

- Wireshark, Burp Suite, Nessus, Splunk

Following the theoretical and hands-on modules in IAM, SIEM/SOC, endpoint and network security, I worked in a collaborative environment to offer vulnerability assessments to local businesses and public institutions.

#### Quantum Computing lab practice - LigaAC Labs | Mar. - Jun. 2025

Equal1 • Python and Qiskit

With the knowledge acquired during the training sessions, I developed a Clifford randomized benchmarking tool using Qiskit Aer to estimate gate fidelity under simulated noise models.

#### Web Development lab practice - LigaAC Labs | Mar. - Jun. 2024

OPSWAT • JavaScript, TypeScript, SCSS

Contributed to developing the open-source OPSWAT File Security Chrome Extension by integrating file and URL malware scanning via API. Enhanced the user experience with dynamic, responsive statistics using TypeScript and SCSS.

### COMPETITIONS

#### 1st place AI & Blockchain, 2nd place DeFi, best use of Sui SDK - Sui Hackathon | Dec. 2025

- National - team of 4
- Organiser: Sui Foundation

#### Winner - RoNaQCI Quantum Hackathon | Jun. 2025

- National - team of 5
- Organiser: Romanian National Quantum Communication Infrastructure

### PROJECTS

#### Hands-free Crypto Wallet

Competing in the Sui Hackathon, my team and I created a user-first crypto wallet controlled by vocal and text natural language commands, secured using zkLogin and available in Telegram app.

#### LSTM Neural Network Stock Predictor

Implemented an LSTM neural network for stock price prediction, achieving a MAPE accuracy score <5.

#### Lipski-Preparata implementation

Created the first python implementation of the Lipski-Preparata algorithm for efficient contouring of geometrical shapes.

### EDUCATION

#### West University of Timișoara | 2023-2026

Bachelor of Computer Science in English

**English** - bilingual proficiency   **Romanian** - native proficiency   **French, German** - elementary proficiency