

# Eusebiu Boghici

Bucharest – [LinkedIn/eusebiu-boghici](https://www.linkedin.com/in/eusebiu-boghici)

---

## Experience

### • Software Engineer

Pentest-Tools.com

Jun 2018 – Present

- Software Developer  
Languages: Python, PHP, bash  
Projects: URL Fuzzer, Website Scanner
- DevOps  
Technologies: Docker, Bitbucket Pipelines, Grafana  
Responsibilities: Code deployment, Infrastructure Management
- Pentester  
Technologies: Burp Suite, nmap, wfuzz, sqlmap  
Responsibilities: Contributed to external pentests, Assess the security of the infrastructure and code. Played CTF contests
- Team Lead  
Responsibilities: Lead of the DevOps team, Architecture Review

Participated at security conferences - BlackHat EU, Defcamp

## Education

### • Master of Engineering - Computer and Information Systems

Faculty of Automatic Control and Computers

University POLITEHNICA of Bucharest

2019 – 2021

Master Thesis: Developing an automated website vulnerability scanner

Main courses: Network Security Auditing, Security of Informational Systems, Security of Mobile Devices, Cybersecurity Incidents Management, Privacy Enhancing Technologies

### • Bachelor's degree

Faculty of Automatic Control and Computers

University POLITEHNICA of Bucharest

2015 – 2019

Main courses: Operating Systems, Local Networks, Data Structures and Algorithms, OOP (Java), Assembly Languages Basics

### • "Grigore Moisil" High school, Onesti, Bacau

2011 – 2015

Science profile – Mathematics and Computer Science

## Certificates

### • Offensive Security Certified Professional (OSCP)

Dec 2021 - [OS-101-54214](https://www.offensive-security.com/docs/OS-101-54214)

<b>Projects</b>	<ul style="list-style-type: none"> <li>● School homework: <ul style="list-style-type: none"> <li>– Mini-Kermit: implemented in C a simplified protocol derived from Kermit (an old computer file transfer protocol) which made possible a reliable transfer of files between two processes even with an unreliable transfer medium</li> <li>– Unix-like File System: implemented in Java of commands in a terminal (adduser, deluser, cd, mkdir, rm, cat, writetofile) using Factory and Visitor design pattern</li> <li>– HTTP Proxy: implemented in C a proxy for browser for HTTP/1.0 version and a caching system</li> </ul> </li> <li>● City Fabric: <ul style="list-style-type: none"> <li>– part of <b>Innovation Labs</b> 2018</li> <li>– we offer support on optimizing <b>traffic infrastructure</b> in large cities by implementing smart traffic lights, finding public transportation optimal routes, choosing optimal lane direction by traffic flow</li> </ul> </li> <li>● <b>Programming languages</b>: Python, PHP, C, Java, Shell scripting, x86 assembly</li> </ul>
<b>Extracurricular activities</b>	<ul style="list-style-type: none"> <li>● Teaching assistant at <b>Security Summer School 2021</b> <ul style="list-style-type: none"> <li>– I contributed to web vulnerability course materials and taught technical aspects related to Cross-Site Scripting and SQL Injection</li> </ul> </li> <li>● <b>Security Summer School 2017</b> <ul style="list-style-type: none"> <li>– I learnt what it means to discover, successfully exploit and patch a software vulnerability. I took part in both Capture the Flag contests where I had to use the acquired information (static/dynamic analysis, buffer overflow, shellcode injection, return oriented programming) to solve the challenges.</li> </ul> </li> <li>● Member of <b>Microsoft Student Partners UPB</b> <ul style="list-style-type: none"> <li>– My academic interest here during my first year, as a junior was strengthening my OOP knowledge in C#.</li> </ul> </li> </ul>
<b>Competitions</b>	<ul style="list-style-type: none"> <li>● Innovation Labs 2018</li> <li>● BESTEM 2017 – Microsoft Challenge</li> </ul>
<b>Interests</b>	<ul style="list-style-type: none"> <li>● I like to find out exactly how things work to make the most use out of them</li> <li>● Security and privacy are extremely important for me so I tried to learn more about the protocols in place, their efficiency and their faults; I learned about WEP cracking, identity spoofing, packet sniffing and other ways to help me understand more about possible vulnerabilities nowadays</li> </ul>