



# Antonio Dan Macovei

## Security Engineer

Cyber Security & Web enthusiast, studying Computer Science and Engineering.

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## EDUCATION

- Bachelor's Degree**  
Politehnica University of Bucharest, Faculty of Automatic Control and Computer Science  
*09/2017 – Present* *Bucharest, Romania*

## WORK EXPERIENCE

- Information Security Analyst**  
SecureWorks Europe  
*06/2020 – Present* *Bucharest, Romania*
  - Investigate and document any high level threat, determine the extent to which client assets have been compromised, make recommendations for remediation and assisting in their implementation.
  - Perform analysis of security events from multiple sources including but not limited to events from **SIEM** tools (**Splunk, CTP**), **EDR (CarbonBlack, RedCloak, Falcon CrowdStrike)**, network and host based IDS, firewall logs, system logs (**Unix & Windows**).
  - Collaborate with Line of Business technical teams for resolution and mitigation of detected issues.*Contact: Denisa-Claudia Firicel – dfiricel@secureworks.com*

- IT Trainee**  
Nordic Import-Export CO  
*12/2017 – 01/2019* *Bucharest, Romania*
  - Created a way for the Human Resources Department to better organize their files and records by providing a web portal where they can automatically generate prefilled forms.
  - Improved the efficiency of the department by removing repetitive tasks, such as manually filling forms for sick leave, resignations and certificates.*Contact: Cristian Ionita Mania – cristian.ionita-mania@nordic-food.ro*

- Web Developer**  
B-Zone Community *Gaming Community*  
*12/2015 – 10/2018 & 08/2019 – 01/2020* *Romania*
  - Designed and implemented important features to the websites of the game servers, such as stolen accounts recovery, surveys, auctions and unban requests system.
  - Enabled thousands of players to access their data with ease and perform daily actions from the browser: view detailed statistics, report players, vote new leaders and rules, etc.
  - Maintained a good communication with the owners and the staff in order to make sure these features are to their liking and suit their needs.
  - Technologies used: **Symfony & Laravel, MySQL, Doctrine & Eloquent ORM, Vue.js, HTML, CSS, Javascript, jQuery.***Contact: Stefan Nechifor – bobo@b-zone.ro*  
<https://www.rpg.b-zone.ro/>

## PERSONAL PROJECTS

- NUT CTF (2020)**
  - Security competition dedicated to people who want to practice their skills in a safe environment, providing a set of challenges of ranging difficulties.
  - Includes a Capture The Flag platform designed to support such a competition and a set of challenges hosted on a remote server.*https://github.com/antonio-macovei/nut-ctf*

- Topic Messaging Application (2019)**
  - Lets people subscribe to channels of interest using TCP connections while important messages are broadcasted by UDP clients. Offline messages are stored for later retrieval.*https://github.com/antonio-macovei/client-server-pc*

- Famous Barber Shop (2018)**
  - Web application that allows people to book online a session in a Barber Shop, while the staff can easily handle the business from the admin panel.*http://famousbarbershop.ro*

- Miva Delivery (2017)**
  - Web application that helps people browse and order food from their laptop or phone and enables the staff to manage everything from the admin panel.*http://mivadelivery.ro*

- Museums Guide (2016)**
  - Web search engine for American museums containing 35.000 entries.

## ACHIEVEMENTS

- 13<sup>th</sup> Place in ECSC - European Cyber Security Challenge, Romanian National Phase (2020)**
- 3<sup>rd</sup> Place in Ubisoft Gamecelerator 4.0 (2017)**
- 1<sup>st</sup> Place in Mobile App Development contest EmpowerSoft (2016)**
- 3<sup>rd</sup> Place in Web Development contest EmpowerSoft (2016)**
- 3<sup>rd</sup> Place in Microsoft IoT Hackathon (2016)**
- 2<sup>nd</sup> Place in robotics contest STEM Innovation Challenge (2015)**

## ORGANIZATIONS

- SSS - Security Summer School (05/2020 – 07/2020)**  
*Volunteer, teaching students Web Security concepts, ranging from basic web knowledge to advanced attacks. Developed content and challenges for Web Security classes*
- LSAC - Faculty's Students Association (10/2017 – 06/2019)**  
*Volunteer, IT Department member, IT manager for events*
- Microsoft Student Parteners (10/2017 – 09/2018)**  
*Volunteer, attended technical courses*

## CERTIFICATES

- CompTIA Security+ (08/2020)**
- Applied Web Application Security (05/2019)**  
*Metropolia University of Applied Sciences, Finland*
- Cambridge Advanced English (CAE) (02/2017)**  
*Level C1*