ANTONELA AVRAM

Contact

Address:
142 Dunarii Street, Cluj-Napoca, Romania

Phone:
+40 757 327 894

Email:
berches.antonella@gmail.com

Github:
https://github.com/ antonellaBerchesCj? tab=repositories

Languages

Romanian – Native
Italian – C2
English – C1

Personal Interests

Cybersecurity, Music Production, Books

Summary

Senior Software Developer with 5+ years of hands-on web development. Well-versed in programming languages including C#, Python, C/C++ and Database systems (SQL, PostgreSQL, MySQL). Passionate analyst with a short background in cybersecurity field (Malware analysis, Reverse engineering, Penetration testing).

Career goal: Software architecture

Experience

Senior Developer (.NET) – Aug 2021 to Present
Endava, Cluj-Napoca, Romania
- Programming as part of the team and performing code reviews
- Test and ensure the best quality and performance of the code (code optimization, refactoring, caching, migrations)
- Work with complex distributed systems (message queues, event-driven microservices)
- DevOps (build and deploy automation), work with cloud infrastructure (Azure), CI/CD pipelines (TeamCity / Artifactory)

Software Engineer (.NET) – Mar 2020 to Aug 2021
Bosch Group, Cluj-Napoca, Romania
- Architecture, design and development of web based application
- Module technical responsible also SharePoint library responsible
- Collect and clarify the software requirements within the team
- Test and ensure the best quality and performance of the code (code optimization, refactoring, caching)
- Perform code reviews

Software Developer (.NET) – Jan 2018 to Mar 2020 *(2 years and 2 months)*
Nehemiah Security, Engineering Center Cluj, Romania
- Deliver independently tasks at required quality
- Suggest improvements and bring new ideas
- Perform optimization: query optimization, code refactoring
- Perform code reviews

Malware Analyst – Jul 2017 to Jan 2018 *(6 months)*
Nehemiah Security, Cluj-Napoca, Romania
- Malware analysis and reverse engineering
- Penetration testing
- Network scanner and Automated Installer

Backend Developer (Internship) - Oct 2015 *(1 month)*
OSF Global Services, Suceava, Romania
- JavaScript Assessment

Scala Developer (Internship) – Jun to Aug 2015 *(3 months)*
Assist Software, Suceava, Romania
- Sefaira platform project
- Development of internal management software

Developer (Summer Practice) - Jul to Sept 2014 *(3 months)*
Continental Automotive, Iasi, Romania
- Data processing using VBA Excel Script

Education

Master's degree: **Information Security and Computer Science (SISC)** – 2016 – Present
Technical University of Cluj-Napoca, Faculty of Automation and Computer Science

Bachelor's degree: **Computer and Information Systems** – 2012 to 2016
"Stefan cel Mare" University of Suceava, Faculty of Electrical Engineering and Computer Science
Thesis title: Acquisition and processing of human motion using Microsoft Kinect sensor

Erasmus++ Scholarship: **Computer Science** – Jan 2015 to Jun 2015
University of Limerick, Ireland
Curriculum: Computer graphics, Intelligence Systems, Web development, Database systems, English as a Foreign Language

Certificate of Graduation in Teacher Training Department, 1st Level :
Faculty of Educational Sciences – 2012 to 2015
"Stefan cel Mare" University of Suceava, Romania
Thesis title: Gamification in Education

High School diploma: **Accounting** – 2006 to 2011 **Public Technical Institute "Cecilia Deganutti", Udine, Italia**

Awards and Certifications

- 3rd Place: DefCamp 2019, "Hack the Bank" Challenge organized by Kaspersky Lab, Bucharest
- Software Security (certificate): Source code Security Issues
- 3rd Place: Transylvania MegaHack Cluj TechFest 2016 – Braintronix Challenge
- 1st Place: 2nd Edition of The StudAce student Workshop 2016 ("IoT - Home Hub")
- 2nd Place: 5th Edition of The International Scientific Session of students ElStud 2016 ("Live Digital Performance")
- Certificate of participation: 23rd Edition of The International Computers Contest for Students Hard&Soft, Suceava, 2016
- 3rd prize: 2nd Edition of The Student design contest and development of new technologies, creativity and perseverance 25h@USV 2015
- Certificate of participation: OSF USV Hackathon 2015 Student Contest
- Certificate of participation (2015): Informational Security project "Improved processes and educational activities in the bachelor and master's programs in ICT by creating an information security lab", co-financed by the European Social Fund (POSDRU 142006).