

Andrei Seicean

Work experience

- Bitdefender – Junior Software Engineer (June 2015 – present)
 - Proactive malware research
 - Added new detections methods, improved existing ones and kept low rate of False Alarms
 - Achievements: x86 Assembly, portable executable format, reverse engineering, static and dynamic malware analysis, kernel mode programming concepts, mini filter concepts, Windows debugging
- Project YIA (ERASMUS+): “CNE Reprezinta” (June 2013 – July 2013)
 - Project leader – Supervised all hints of the project
 - Web administrator – Responsible for the website and the wordpress blog
 - Data collector – Aggregated data of costs, participants and activities
 - Designer – Created artwork for all project materials
- County Council of Students Alba (October 2012 – October 2013)
 - Web administrator: Kept website updated and changed the hosting provider
- Informatics team coordinator (September 2012 – June 2013)
 - Coordinated weekly lectures for talented computer science students
 - Covered advanced algorithms, outside the high school's curriculum

Education

- Technical University of Cluj-Napoca (September 2014 – June 2018)
 - Subjects studied: Programing, Data Structures and Algorithms, OOP, Databases, Mathematics, Computer Architecture, Hardware Design & Programming
 - Projects: Pac-Man game, Microprocessor MIPS (Million Instructions Per Second)
- “Horea, Closca si Crisan” National College (September 2010 – May 2014)
 - Romanian Baccalaureate - average grade 9.50 / 10.00
 - Subjects studied : Intensive Computer Science, Mathematics

Qualifications

- ORACLE: Database Design and Programing With SQL – 2014
- CISCO: IT Essentials: PC Hardware and Software – 2011

Awards

- County Olympiad in Informatics 2013 – 4th place
- National Olympiad in Informatics 2012 – Bronze medal
- Scientific communication session 2011 – Metal detector project – 4th place
- Electrical Engineering (county): 3rd place (2011), 1st place (2009, 2010)

Skills and competences

- Programing languages: Pascal, C/C++, VHDL, SQL, MySQL, x86 Assembly, Java, Python

Personal interests

- Mobile applications: Learned Android platform and OOP concepts from online tutorials
- Electrical and Electronic Engineering (October 2008 – May 2012)
 - Active member of an Electrical Engineering team
 - Learned operating mode of electrical components
 - Among others, created a Metal Detector and a Sound Amplifier
- Music – responsible for high school's radio (September 2012 – June 2014)