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Top Skills

Computer Security
Security Research
Leadership

Languages

English (Full Professional)
French (Elementary)
Italian (Elementary)

Bogdan C. Dumitru

CTO at BitDefender
Bucharest, Romania

Summary

I spent the past 15 years building the core technologies of one of the world's most advanced security suite. Throughout my career at Bitdefender, I co-authored several patents and built innovative technologies that now form the cornerstone of a product protecting more than 500 million users worldwide. Also, I am an advisor and angel investor in Romanian technology startups.

Experience

University of Bucharest

Teaching Assistant

October 2016 - Present (3 years 5 months)

Bucharest, Romania

Teaching Assistant, Computational Logic, Logic Programming and Probabilistic Programming, Faculty of Mathematics and Computer Science, University of Bucharest.

BitDefender

CTO

October 2001 - Present (18 years 5 months)

I coordinate a team of over 400 talented researchers in Engineering, Product Development, Research and Development, Antimalware Labs and User Experience across four campuses.

As CTO I have delivered 10 generations of award winning security suites for Windows, several generations of OS X security products and re-engineered the mobile products portfolio, with a successful market rollout of tens of millions of installs.

I have helped creating ground-breaking security products (Bitdefender BOX) that addresses the challenges of tomorrow's hyperconnected world of IoT through a combination of hardware, software and cloud services.

I have guided the development of security technologies for the enterprise market towards an adaptive security architecture, with focus on advanced analytics and sandboxing.

My ongoing research focuses on developing Bitdefender's Event Correlation system and behavioral technologies (Active Threat Control) that identify and block emerging, unknown threats.

SOFTWIN

Technical Lead, CTO

August 1997 - September 2001 (4 years 2 months)

My career at SOFTWIN (the parent company of Bitdefender) has taken me through multiple roles and responsibilities as the company has grown from a local technology provider to a major international player in the cybersecurity industry.

At SOFTWIN, I co-architected and developed the antimalware engine used in the Bitdefender line of products. Between 1999 and 2004, I coordinated the Product Development, Engineering and Antimalware teams. I have served as the data security division's Chief Technology Officer since 2001.

UltraSoft

Technical Leader and Cofounder

January 1995 - July 1997 (2 years 7 months)

Ultrasoft was my first security-oriented startup. Its mission was to develop and market an advanced security solution for MS-DOS and Windows. The Sherlock Holmes AV was built around a code emulator, precursor of modern sandboxing.

Education

University of Bucharest

Master's degree, Mathematics, Computer Science · (September 1995 - June 2000)