

Curriculum Vitae

Name: Vesselin Vladimirov Bontchev
Residence: Sofia, Bulgaria
Address: 1404 kv. Gotze Delchev, bl. 26, vh. W, ap. 51
Contact Information: GSM: +359-887-659-311
Phone: +359-02-858-6261
E-mail: ybontchev@yahoo.com
Education: Ph.D., Methodology of Computer Anti-Virus Research, University of Hamburg, Germany, 1991-1995.
M.Sc., Computer Science, Technical University of Sofia, Sofia, Bulgaria, 1980-1985.
Employment Record: Research Fellow, Laboratory of Microprocessors and Microcomputers, Technical University of Sofia, Sofia, Bulgaria, 1985-1986.
Research Fellow, Institute of Industrial Cybernetics and Robotics, Bulgarian Academy of Sciences, Sofia, Bulgaria, 1986-1991.
Director, Laboratory of Computer Virology, Bulgarian Academy of Sciences, Sofia, Bulgaria, 1991.
Computer Anti-Virus Researcher, FRISK Software International, Reykjavik, Iceland, 1995-2011.
Assistant Professor, National Laboratory of Computer Virology, Bulgarian Academy of Sciences, Sofia, Bulgaria, 2005.
Memberships: Computer Anti-virus Research Association (CARO)
AntiVirus Emergency Discussion Network (AVED)
Virus Security Institute (VSI)
International Federation for Information Processing (IFIP) TC-11
Spoken Languages: Excellent: Bulgarian, English.
Good: Russian.
Understanding only: German, French.
Computer Languages: Excellent: Python, C, JavaScript, Perl, WordBasic.
Good: Pascal, VBA.
Superficial: Java, C++.
Participated Projects: Virus collection maintenance (DOS, macro, mobile).
Design of a macro malware scanning engine and macro heuristics.
Design of a tool for sharing of identification information of VBA-based malware.
Design and implementation of a set of tools for sharing of identification information of Symbian (S60)-based malware.
Design and prototyping of a scanning engine for known Office exploits.
Design and implementation of a tool for sharing of identification information of Android-based malware.
Design and prototyping of a scanning engine for Android-based malware.
Setting up a system of honeypots for monitoring and visualization of the attacks on various ports.