

GEORGI GUNINSKI

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ACHIEVEMENTS

- Per rough conservative estimate 110+ security vulnerabilities, in widely used software, not counting contract work. Vulnerabilities range from remote kernel problems to browser bugs
 - The first exploitable gmail bugs
 - Remote root in Ubuntu via apt-key
 - Remote OpenBSD denial of service in IP6 (very rare)
 - Design flaw in windows when loading dynamic libraries from current working directory, *efficient* exploit vector in malware
 - Design flaw in windows when digitally signing buggy mobile code (ActiveX)
 - Design flaw in cryptography RFC about DH group parameters, LibreSSL fixed it
 - Publications received popular media coverage (CNN, cnet.com, theregister.co.uk) and are available on packetstormsecurity.com and www.exploit-db.com.
- Listed as contributor to Firefox (web browser) and Wireshark (network sniffer)
- math preprint "Note: a counterexample to a conjecture of Jackson about hamiltonicity of diregular digraphs"
<http://arxiv.org/abs/1602.06380>
- As of Jan.2018 top 3% overall on Mathoverflow, StackExchange site, profile <https://mathoverflow.net/users/12481/joro?tab=profile>
- Found 6 of the 169 known high merit abc triples
<http://www.math.leidenuniv.nl/~desmit/abc/index.php?set=3>

IN MEDIA:

CNN (12 results): <https://www.google.com/search?q=%22georgi+guninski%22+site:cnn.com&gbv=2>

CNET (74 results): <https://www.google.com/search?gbv=1&q=%22georgi+guninski%22+site%3Acnet.com&oq=&aqs=>

The Register (77 results): <https://www.google.com/search?gbv=1&q=%22georgi+guninski%22+site%3Atheregister.com&oq=&aqs=>

NOTES: Looking for remote home based work only from Sofia, Bulgaria (it is in the European Union). I avoid using Microsoft products.

TECHNICAL SUMMARY

Skills: IT Security, Programming, Experimental Mathematics, QA

Programming Languages: Sagemath, Python, C, JavaScript

Operating Systems: Linux, basic *BSD

EXPERIENCE

Experimental mathematics	2009-present
Partial security research	2009-present
Netscape and Mozilla Corporation Independent Security Consultant.	1999-2009
Technologica Ltd, IT expert	1996-1999
ACTA Ltd. Clipper developer, Bank software	1995-1996

EDUCATION

University of National and World Economy - Sofia, Bulgaria
MA in International Economic Relations GPA: 5.38/6.00
1991-1995

114 English Language School Liliana Dimitrova,
graduated with gold medal 1986-1991