



Florian Bogner

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🌐 <https://bogner.sh>

Information Security Expert,
Speaker and Bug Bounty Hunter

References

Finding the right people is no easy task! To show you that I'm one of them, I would like to point you to some of my recent achievements. Additionally, this list highlights my knowledge in the field of IT security and my will to go the extra mile.



#AVGater

Just recently I discovered a vulnerability affecting more than a dozen Antivirus vendors. It can be exploited by any local user, gaining them full control over the endpoint by abusing the quarantine feature. Trend Micro and Kaspersky were amongst those which were vulnerable. Simply search for #AVGater for further details.



Code injection in Oracle Java

Java is one of the most widely used programming languages out there. I'm therefore very proud of a DLL side-loading vulnerability I discovered in Oracle's reference implementation. It could be abused to inject code into other users' Java applications. You can find more information here: <https://bogner.sh/?p=2408>



Google Vulnerability Reward Program Hall of Fame

After identifying and privately reporting several issues in their desktop applications, I was added to Google's Security Hall of Fame: <https://goo.gl/v4YPB5>



Valve Security Hall of Fame

By identifying a very tricky local privilege escalation in Valve's widely used Steam gaming client, I was also added to their Security Hall of Fame: <http://www.valvesoftware.com/security/>

You can find additional samples of my work on my blog <https://bogner.sh>.

Personal Information

Since you are still reading this document, I assume I have sparked your interest. So, I would like to introduce myself.



Name: Florian Bogner

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Date of birth: February 1988

Residence: close to St. Pölten, Lower Austria, Austria

Nationality: Austrian

Languages: German (native speaker), English (fluent)



Hobbies: playing with my daughters, photography, bug bounty hunting (HackerOne and Bugcrowd)

Driving licenses: car (B), motorcycle (A), currently in training to acquire the truck (C) and trailer (E) licenses for my service with the volunteer fire department

Certifications (past and present): Offensive Security Certified Professional (OSCP), FireEye Certified Systems Engineer (FSE), Cisco Certified Network Associate (CCNA)

Top Skills

The following are what I consider to be my top skills. They may not be typical attributes you would associate with an IT Security Expert (which I am)!



Listening and getting the point across

Technical issues are very often issues of communication. Understanding many different "languages" is what I would consider one of my top skills. Everyone sees a challenge from their own point of view. However, to come up with a fitting solution you need someone who can understand everyone. Because of my background in IT operations and as a system's owner, I am such a person.

I also really love to spread knowledge – I therefore consider myself a skilled speaker and trainer. For example, I created an IT Security Awareness program that received perfect feedback from both end users and CISOs.



Simply getting it done!

Sometimes things simply have to be finished. It may be meeting agreed upon deadlines or pitching in to help out a colleague. My mantra: Sit down and get it done.

Additionally, to get to the top there is simply no other way than hard work and repetition.

To quote Colin Powell:

There are no secrets to success. It is the result of preparation, hard work, and learning from failure.

Important Work Experience

I have already had several great accomplishments in my professional career. Here are some of my personal favorites.



Information Security Auditor

at Kapsch BusinessCom AG (2015 – present)

By joining the Kapsch Security Audit Team, I switched my professional focus to IT security. This change was supported by the fact that I had already proven my knowledge in the field by being one of the winners of the “Cyber Security Challenge Austria” hacking competition (<http://verbotengut.at>).

At Kapsch one of my focus areas was and still is finalizing our reports and presentations, so that our clients benefit as much as possible from the results of our technical security audits.

We also increased the technical level of our pentest on a large scale. To do so, we refined existing techniques (e.g. using Bloodhound to speed up Pass the Hash attacks) and even introduced new ones (e.g. decompiling .NET and Java applications on-site). Furthermore, I developed many internal tools like the “Kapsch Malware”, which we use during our red teaming assignments to infiltrate our clients’ networks.



Senior Systems Engineer,

Developer and Product Owner at Tools At Work Hard + Soft Vertriebsgesm.b.H. (2009 – 2015)

Immediately after finishing school, I started as a Systems Engineer at Tools At Work. There I learned the ins and outs of repairing and fixing all types of software and hardware related issues of Apple computers.

After about two years I was already fully in charge of several small to medium sized customer networks. I managed everything from client systems (PC and Mac), to network devices (firewalls and switches), and servers (Windows, Linux and MacOS).

After that, I specialized in high performance storage systems for video applications. I even created my own product called ToolsOnAir flow:rage (now named just:store). I did all the required testing and created the necessary software. We sold several systems per year world-wide.

Education & Private Projects

A good education is a great foundation. However, I think private projects are equally important as they prove what you can achieve with your obtained knowledge.

Education

UAC Technikum Wien (2011 – 2013): *Bachelor of Science*

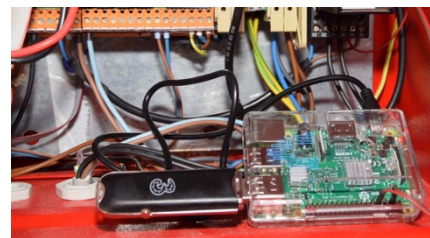
During my studies in the field of “Information and Communication Systems and Services” I was introduced not only to technical concepts (Distributed Systems and Embedded Software Development) but also learned many valuable soft skills (e.g. giving presentations and managing projects).

HTBL Krems (2003 – 2009): *Austrian Matura*

At the higher technical education institute in Krems I learned many important information technology basics. Amongst other topics, we were introduced to the underlying concepts of large networks, software programming and electronics.

Private projects

One of my most recent projects is the “SMS Alarmierung” for our volunteer fire department. People are not always at home when an alarm is triggered and therefore don’t hear the siren. I came up with a simple idea to solve this problem.



It is based on a Raspberry Pi that is connected to the siren control system. Once an alarm sounds my application running on the Pi gets triggered by a GPIO port interrupt and sends text messages to all firefighters. This way everyone knows there is an emergency, regardless of their location.

Tools & Skills

To illustrate my many and varied skills, a tag cloud seemed like the perfect tool for the job.

