

Gal Weizman (CV - PDF version)

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Accomplishments

PerimeterX - Web Security Researcher And Javascript Expert

PerimeterX is a leading company in web applications security and the number one company in the world when it comes to bots mitigation

2020

- **Participated in the WhatsApp Bug Bounty Program** - Got **12,500\$** for responsibly disclosing to Facebook a set of vulnerabilities found as part of an independent research of their well known **WhatsApp** web and desktop applications which by combining them file read from both Mac and Windows file systems can be achieved, by exploiting zero day **Open Redirect + Persistent XSS + CSP bypassing** vulnerabilities. **One of the biggest vulnerabilities set found in the past few years.** This was [covered all over the world](#) ([post](#) | [CVE with 8.2 score](#)). I also made it to Facebook's [Hall of Fame](#).

2018/2019

- **Led Many Main Clientside Javascript Research Projects** - which assisted in promoting the quality of the company's security products (such as identifying Bots behavior, using new web technologies in order to improve our security products and more)
- **Was a Maintainer of the #1 Bot Mitigation Product in the World** - Maintained along side with coworkers and friends the client side of the best Bot Mitigation product by [Forrester](#) evaluation.
- **Wrote about a Conceptual Security Flaw I Found in all Major Browsers** - Published an article including a live demo about a finding of mine on one of the [most powerful Anti Debugging techniques ever found](#).
- **Registered a Patent** - Along with a friend and a coworker, as part of our job, we have registered a patent on a unique concept we came up with which is one of the foundations for the web security client side product we have written together from scratch.
- **Built a Well Selling Web Security Product From Scratch** - Alongside two coworkers and friends, as part of our job, we have built from scratch and maintained the client side of a new innovative web security product which is known today as PerimeterX's [Code Defender](#).
- **Built an Obfuscator** - As part of our job, I built a Javascript Obfuscator for the product we built in which I implemented interesting Anti Debugging techniques in order to make it harder for attackers to reverse engineer our code.

Central America - Volunteering And Living

2018

- **Volunteered as a Full Time English Teacher for 6 Months in Honduras** - Was living in a distant village called **Brisas Del Valle** in **San Pedro Sula** region and volunteering as a school teacher, teaching English, Physical Education, Science, Art and Music to 1st, 7th and 8th grades for over 20 hours a week in the **GSV** volunteering program.
- **Recommendation letter**

Latin America - Traveling The World

2017/2018

- **Traveled through South and Central America for 9 Months** - It Was Awesome.

Uponit - Web Researcher And Developer (First Employee)

Uponit was a leading company in the field of ads recovery, their product was one of the best in the world by implementing top notch Cyber security technologies in order to fully bypass Ad blockers extensions, and was founded by former 8200 web security experts

2016/2017

- **Assisted in Implementing Advanced Technologies and Features in AdBlock Bypasser Product** - As part of my job, I assisted in implementing extremely complicated web security ideas with which we were able to practically disable the effect of Ad Blockers extensions and by that reinsert Ads to the page and regain lost revenues of our customers websites.
- **Gained Experience as a Web Developer and Web Security Researcher** - By working with the best in the field, I learned how to deobfuscate and fully understand the nature of any script that runs in the browser. I learned a big part of the security techniques that are used in the complicated world of the web and gained great knowledge of the ecosystem that exists within a website in the different browsers.
- **Recommendation letter**

Elite Unit 8200 (7190) (Israeli Intelligence Corps) - Technological Consultant (Citizen)

2015/2016

- **Led an Improvement Project for the Former Project** - I led a team of 4 soldiers to rewrite the entire system I built in order to make something even more inclusive and more stable - this was tagged as one of the most important projects in the entire unit at the time.

Elite Unit 8200 (7190) (Israeli Intelligence Corps) - Soldier

2012/2015

- **Solely Development of Complicated Full Stack Offensive Cyber Security System** - which became the core of every general attacking system of many different units under the Israeli Minister of Defense. I Learned PHP and used it to create a full stack system that became the main way to conduct offensive Cyber operations.
- **Development of Small Offensive Cyber Security Products in Javascript** - Learned Javascript and used it to create products which became an integral part of the general attacking system of the unit.
- **Automation Development** - Learned Python and used it to create complicated automation systems to automatically asses the quality of the offensive Cyber security products of my team.
- **QA of Offensive Cyber Security Products** - Started off as a QA for offensive cyber security products.
- **Graduated MATAM Course** - In which I learned basic knowledge of cyber security concepts, of the different systems that were developed and used in the unit and how to operate them.

Amirim High School - Student**2009/2012**

- **Gained a Bagrut Certificate** - 10 Units in Computer Science, 5 Units in English and Math