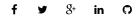
Note: Not currently seeking employment.

Evan Teran

SOFTWARE ENGINEER



% Web: http://codef00.com

Work Experience

Principal Security Researcher

2013 - PRESENT

Digital Operatives (http://digitaloperatives.com/), Full-Time

 $At\ Digital\ Operatives\ I\ have\ worked\ on\ several\ projects\ ranging\ from\ tools\ to\ perform\ static\ code\ analysis\ to\ network\ analysis.$

- Project lead of Digital Operatives' implementation of DARPA ICAS (http://www.darpa.mil/program/integrated-cyber-analysis-system) named FUSION (Federated Understanding of Security Information Over Networks)
- Developed Qt GUI for internal code analysis projects
- Developed LLVM (Low Level Virtual Machine) optimization and analysis modules

Senior Developer 2007 - 2013

iSIGHT Partners (http://www.isightpartners.com/), Full-Time

At iSIGHT Partners I worked on a wide variety of things involved in computer security research and reporting.

- Performed research and exploit proof of concept development
- Analyzed publically annouced vulnerabilities
- Developed novel geolocation technology which was able to successfuly have city level accuracy with a relatively small (non-extensive) core database
- Devloped web applications for internal use

Senior Developer 2002 - 2007

Sytex Inc. / Lockheed Martin - ATL (http://www.atl.external.lmco.com/), Full-Time

Directly after gradutation, I began work at Sytex Inc., where I worked on several computer security related research projects. Often involving deep knowlege of the affected operated systems at a kernel level.

In 2005, Sytex Inc. was acquired by Lockheed Martin, where I continued my work in computer security research.

- Performed research and exploit proof of concept development
- Kernel development

IT Director, Lead Developer

2001 - 2002

Cohen's Fashion Optical (http://www.cohensfashionoptical.com/), Full-Time Summer Job

I spent two summers acting as the head of the computer department at Cohen's Fashion Optical. There I did everything from IT management tasks to web development.

- Managed Company Network, Databases, Servers, Technical Support
- SQL Database Design/Development
- · Developed GVS website
- Developed internal web service for "Vision Pass" program
- Implemented management utilities with C++ to allow staff to alter database with no programming knowledge

Specialty Counselor (Computers) at Hofstra University

1999 - 2001

Hofstra University (http://www.hofstra.edu/), Full-Time Summer Job

As a summer job, I taught HTML to kids ages 8+, and Visual Basic to kids ages 13+.

- Taught Visual Basic programming
- Taught HTML design

Personal Computer Consultant

1993 - 1997

Self Employed, Part-Time

While in high school, I advertised in the local newspaper offering assistance to neighbohood with anything computer related. Sometimes this simply meant helping someone install new software, sometimes I created web sites for small businesses.

- Gave on-site computer consulting and tutoring
- Provided troubleshooting and maintenance of PCs

Personal Projects

I find that the best way to learn something new is to make it a project and dive right in. Because of this over the years, I have worked on many personal projects. Sometimes for fun, sometimes for education. But always things which I beleive make me a better developer. Here are some of the projects that I have found the most interesting to work on. For a more complete list, you can visit my Github (https://github.com/eteran) page.

- Author of a successful Nintendo ® emulator named "Pretendo" (https://github.com/eteran/pretendo)
- Worked on a JRPG (Japanese Role Playing Game) containing tile based graphics, a fully customizable C-style event scripting system, a map editor, a "battle" editor, and support for NPCs
- Developed an x86 Operating System
- Developed a debugger named "edb" (https://github.com/eteran/edb-debugger) (Evan's Debugger), designed for debugging application to which
 you do not have the source code

Technical Skills

x86/x86-64 Assembly, C, C++ (https://isocpp.org/), Qt (http://www.qt.io/)

EXPERT, 15+ YEARS

These technologies are ones which I have used extensively over the years.

Because system's level programming is my primary field of interest, naturally, C and C++ have been my primary languages of choice. I am deeply

Additionally, I have a lot of experience writting assembly code both for optimization and exploit research.

familiar with both these languages, including the newer C++11, C++14, C99, & C11 standards.

Finally, Qt has been a core UI (and more) library in my projects and is something that I enjoy working with.

Java (http://java.sun.com/), Javascript, JSON (JavaScript Object Notation)

ADVANCED 5+ YEARS
(http://json.org), PHP (PHP: Hypertext Preprocessor) (http://www.php.net/), Bash,
SQL, Python (https://www.python.org/), HTML, CSS, Bootstrap (http://getbootstrap.com/), LLVM
(http://www.llvm.org/)

These technologies are ones which I have used often throughout my career. I am very comfortable with them, and work with confidently.

VBScript, Eiffel, BASIC, VAX Assembly, MIPS Assembly, LISP, Perl (https://www.perl.org/), Sed, Awk, DirectX, Pascal, Django (https://www.djangoproject.com/)

EXPERIENCED 1+ YEARS

These are technologies that I have worked with before. While I certainly don't consider myself an expert in any of them, I feel that I am proficient with all of them. I am able to read and understand code written using these technologies and would be able to quickly jump into writing new code.

Operating Systems

DOS, Windows (http://www.microsoft.com/en-us/windows), OSX (http://www.apple.com/osx), Solaris (http://www.oracle.com/solaris), FreeBSD (https://www.freebsd.org/), Linux, BeOS, Symbian OS

My primary development platforms are Linux and Windows, with Linux being the current favorite. Windows dating back to the 9x series. In addition to that, I have written software for many other operating systems, typically while porting a project.

Education

Rochester Institute of Technology (http://rit.edu/)

1998 - 2003

Bachelors of Science in Computer Science

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