

EDUCATION

Eastern Washington University (2011-2012) Computer Science.
Whitworth University (2008-2010) Computer Science.

TECHNICAL SKILLS

Languages & Software: C# (4 Years), C++ (4 Years), C (3 Years), JavaScript (3 Years), Python (3 Years), Java (2 Years), Go (2 Years), L^AT_EX (1 Year), Intel Assembler (1 Year), Ruby (1 Year), Erlang (1 Year), VHDL (<1 Year).
Operating Systems: Windows, Unix, Android, iOS.

PROJECTS

SpiderDB github.com/ericfode/SpiderDB

- A graph database layer written to use redis as the backing datastore.
- Designed with being able to use different back ends in mind.
- Made a simple clone of twitter called jitter using it as the DB.

Exploit Exercises <http://codestre.am/browse/security>

- Completed the stack section of exploitexercises.com.
- Completed most of the Protostar VM.
- Taught the techniques required to perform these exploits to students at hackerschool. (hackerschool.com)

EXPERIENCE

Student Summer 2012
HackerSchool 2012

- Worked with other students on projects of interest.
- Contributed to Numpy (github.com/numpy/numpy)
- Tough Memory layout and exploitation techniques.
- Worked in a variety of environments from common lisp to go.

IT Intern Summer-Winter 2011
Chelan County PUD, Integration team, Wenatchee, WA

- Extended ArcFM Silverlight application to include unique geographical searches.
- Maintained and documented various extensions for ArcGIS.
- Used JavaScript, C#, ESRI ArcGIS APIs, VB6, Asp.NET MVC.

Quality Engineering Intern Summer 2009, Summer-Winter 2010
Adobe System, Indesign QE Team, Seattle, WA

- Developed a system to automatically schedule tests necessary to show that recent changes did not modify the integrity of the code based on available tests.
- Integrated with testing automation system, VM management system, and code coverage analysis software.
- Integrated FoneMonkey into the Wired iPad viewer for test automation.
- Developed server software for determining if a test had passed depending on screen state and manage results.
- Used XCode, Objective-C, Java, SQL server, Bullseye Code Coverage, and Glassfish.

EXTRA-CURRICULAR ACTIVITIES

Answer Questions on StackOverflow.com.
Participated in 3 ACM programming competitions.
Taking a class on Cryptography from the Univeristy of Virginia.

REFERENCES

Available upon request.