

Wayne Xun

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EDUCATION

Northwestern University

Evanston, IL

Robert McCormick School of Engineering and Applied Science

Fall 2013 - Present

- Bachelor of Science in Computer Science, anticipated June 2017
- GPA: 3.4

RELEVANT COURSEWORK

Data Structures	Algorithms	Discrete Mathematics
Network Pen. and Security	Digital Forensics	x86-64 Assembly
Computer Systems	Computer Networking	Computer Graphics

EXPERIENCE AND RESEARCH

Northwestern University

Evanston, IL

Internet Security Research Staff

Jan. 2016 - Present

- Published an automated CSP generator with flexible deployment with an academic team
- Wrote a script template generation engine for Javascript

Intel Corporation

Hillsboro, OR

Software Development Engineer Intern

Summer 2015

- Created "Intel Bluebench" website with interactive graphs auto-generated from a spreadsheet
- Built using Google Charts with custom JavaScript on a Bootstrap template

Lab Technician Intern

Summer 2014

- Tested OpenCL and CUDA GPU acceleration across platforms
- Presented system scalability of Intel components at Intel Developer Forum 2014

PROJECTS

Build The Shield 2016 Finalist

Redmond, WA

Microsoft Corporation

Jan. 2016

- Qualified for the final round of Microsoft's capture the flag competition
- Completed tasks involving cryptography, steganography, SQL injection, cross site scripting

Brute Force Password Cracking

Evanston, IL

Student of Network Penetration and Security (EECS 354)

Fall 2015

- Brute force decryption of DES encrypted Unix passwords
- Used Wireshark for password packet capture with John the Ripper for decryption

Goats-Lab

Portland, OR

Owner

Dec. 2015 - Present

- Home server for hosting vulnerable VMs and penetration tools with custom SSH DNS
- Running i3 windows manager on Ubuntu with custom bash configuration scripts

WayneXun.com

Hillsboro, OR

Creator

Aug. 2015 - Present

- Personal website showcasing projects with custom CSS and JavaScript

SKILLS

Languages: JavaScript, C++, Python, GDB, x86-64 Assembly, Web (HTML, CSS, Bootstrap)

Tools: Linux, Ubuntu, i3, Netcat, John the Ripper, Git, Metasploit, Wireshark, Nessus