# **Qingping Hou**

### **Education**

• Sept 2012 - Present

**M.S.** in Information Security Technology and Management, Information Networking Institute, Carnegie Mellon University.

• Sept 2008 - Jul 2012

**B.S.** in Information and Computational Science, School of Mathematics and Computational Science, Sun Yat-sen University.

• Mar 2010 - Jul 2010

Exchange to Jilin University for one semester, taking advanced courses in both Math and Computer Science department.

## **Projects**

• **KindlePdfViewer** (Core developer)

The ultimate ebook viewer for Eink Kindle device which supports all the popular formats and many advanced features.

• PyH3C (Author)

An opensource H3C 802.1X client and server written in Python.

• asciidoc-deckjs (Author)

deck.js backend for AsciiDoc.

#### Skills

- C, Python, Lua, C++, Javascript, Shell, Ruby, HTML/CSS, Assembly, TeX, PHP, ASP
- Linux, Mac, Windows
- GIMP, Photoshop, Painter

# **Experience**

#### Research

In July 2010, I joined Guangdong Key Laboratory of Information Security Technology. My research group focuses on Trusted Computing, Secure Operating System, Cryptography, ACL and Network Vulnerability Analysis. Together with other researchers, we developed a demo for Trusted Operating System based on Linux.

### **Teaching**

• Jul 2011 - Aug 2011

**Teaching Assistant**, "Modern Website Security Technology" (Google Open Course), Sun Yat-sen University

My work includes collecting course materials, writing documents and giving the lecture on chapter 4 "Introduction to Network Security".

#### **Extracurricular activities**

• Jan 2011 - Nov 2011

Organized five events for local **LUG** as a **volunteer**, including Software Freedom Day, Ubuntu Release Party, etc.

• Mar 2010 - Apr 2010

Helped translate the official documents for Puppet project. My work focused on the core part, Language Guide.

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## Membership & Affiliations

• Jul 2010 - Jul 2012

Guangdong Key Laboratory of Information Security Technology, Research Assistant

• Oct 2008 - Sept 2011

Network center of Sun Yat-sen University, Student Network Administrator

• Sept 2008 - Sept 2009

Network department of student union in Sun Yat-sen University, Chief Programmer

• Oct 2008 - Oct 2010

Volunteer teaching team of Sun Yat-sen University, Teacher and Technical Adviser

• Dec 2008 - Present

MCDoing studio of school of Mathematics, Sun Yat-sen University, Member

• Oct 2008 - Jul 2012

Soccer team of Department of Scientific Computation and Computer Applications, Member

## **Honors**

• May 2010

Outstanding team in the third Google public welfare creativity competition.

• Nov 2010

Outstanding student scholarship of Sun Yat-sen University.

Nov 2009

Outstanding student scholarship of Sun Yat-sen University.

#### **Interests**

- Coding, Linux, free-software and opensource
- Painting, Playing guitar and magic tricks
- Taichi (Yang style), Soccer (freestyle), Travel and hiking