

Han Zhang

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EDUCATION

University of Michigan — Ann Arbor, Michigan

May, 2017

B.S. Computer Science

GPA: 3.85/4.00

Course Highlights:

EECS 482 - Operating System

EECS 489 - Computer Network

EECS 475 - Introduction to Cryptography

EECS 388 - Computer Security

SKILLS

- C/C++, Java, Python, PHP, JavaScript, HTML/CSS, SQL, MongoDB
- Mostly working under Linux environment
- Android app development and Web application development
- Native speaker in Chinese, fluent in English

EXPERIENCE

University of Michigan, Computer Science and Engineering

May 2015 - Present

Research Assistant

- Develop an Android infrastructure that automatically infers user recommendations without requiring user actively involvement
- Preserve user's privacy and resist to malicious fake reviews at the same time

Merit Network, Inc

September 2014 - May 2015

Research Assistant

- Create web dashboard running on Apache server using Laravel PHP framework and implementing efficient analyzing algorithms in Python to identify high traffic IPs in network, and to display interactive result on a web dashboard
- Manage big database in MongoDB to detect potential attackers and scanners throughout network

ACTIVITIES

Eta Kappa Nu (HKN)

September 2015 - Present

Active Member, Web Team Member

- Collaborate with website teammates to develop new official website of HKN Beta Epsilon Chapter (in University of Michigan)

University of Michigan CTF Club

September 2015 - Present

Member

- Work on Computer Security challenges and Capture The Flag problems on a weekly basis
- Won the second place in the University of Michigan CTF competition in Fall 2015

Michigan Hackers

September 2014 - Present

Codebase Core Team Member

- Develop new version of Michigan Hackers official website and maintain different GitHub project repos
- Collaborate with team members to develop the official website and application system for MHacks V hackathon in Node.js and Angular

INTERESTS

Movies, Soccer, Formula 1 Racing