

# Han Zhang

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## EDUCATION

**University of Michigan** — Ann Arbor, Michigan  
B.S. Computer Science  
GPA: 3.85/4.00

May, 2017

### Course Highlights:

EECS 482 - Operating Systems  
EECS 489 - Computer Networks

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

- Developed an Android infrastructure that automatically infers user recommendations without requiring active user involvement
- Infrastructure ensures that automated recommendation inference both preserves user privacy and is resistant to malicious fake recommendations

### Merit Network, Inc

September 2014 - May 2015

#### Research Assistant

- Created web dashboard running on Apache server using Laravel PHP framework and implemented efficient analysis algorithms in Python to identify high traffic IPs in the network, and to display results interactively on a web dashboard
- Managed 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

- Developed new version of Michigan Hackers official website and maintain different GitHub project repos
- Collaborated 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