Hang Hu

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Education

Virginia Tech *2016.09-present*
Ph.D. Student in Computer Science, Advisor: Gang Wang

Huazhong University of Science and Technology *2012.09-2016.06*
B.E. in Electronic Packagincg Technology

Work Experience

Data Analytics Intern at **Geetest**, Wuhan, China *2015.10-2016.02*
Geetest is using the mouse movement data to do man-machine verification

- Implemented algorithms including gradient descent decision tree ensemble
- Deployed machine learning algorithms using spark

Academic Projects

Deception and Misunderstanding: Analyzing Email Spoofing from User Perspectives *2016.11-2017.05*
Submitted to Conference on Computer and Communications Security (CCS) 2017

- Analyzed how email service handle forged emails
- Measured the SPF and DMARC records of the top 1 million domains
- Did a role-play and deceptive user studies to analyze how effective existing warning mechanisms are

Disposable Email Service and SMS Service *2017.06-present*
How people are using disposable email service and sms service

- Wrote spider to collect messages from disposable service websites

Programming Projects

Tinder Dating Robot *2017.06-2017.07*
It can finish all the basical functions of tinder including like or superlike people and send and receive messages

- Used http proxy to monitor tinder activity to get its http api call
- Wrote multithread script to auto like people, receive messages and get updates

Email Service Server and DNS Server Set Up *2017.05-2017.06*
It can answer DNS queries and host virtual domains to send and receive emails

- Set up BIND to host domain DNS records
- Set up postfix as SMTP server
- Set up dovecot as POP3 and IMAP server

Questionnaire Website *2017.07-2017.08*
User can answer survey questions

- Back end using flask (python)
- Front end using Boostrap
- Deployed on AWS

Awards

2015 Meritorious Winner in the Interdisciplinary Contest in Modeling, COMAP
2014 National Scholarship, Merit Student, HUST
2013 Scholarship of Academic Excellence, Self-Improvement Scholarship, Excellent Student Cadre, HUST
2012 Scholarship for the Excellent Freshman, HUST