KAIXIN LI

happpppppyli@gmail.com

EDUCATION

Harbin Institute of Technology, Software Engineering   Sep. 2018 - Present

GPA：92.42/100（Top 1%）

Relevant Courses: Introduction to Artificial Intelligence (100%), Discrete Mathematics (98%), Design and Analysis of Algorithms (98%), C++ Programming Language (96%)

English: IELTS 7.5, GRE 325 (Quant 170, AW 4.0)

RESEARCH EXPERIENCE

Domain Rating System   2020

- Built a system capable of scoring security of domains using domain names and passive DNS data
- Found out most reliable features for evaluating malice of domains with XGBoost
- Final model was submitted to Huawei directly

Algorithm Generated Domains Detection Based on Deep Learning   2019

- Detect and classify Algorithmically Generated Domains with pure domain names using CNN and RNN models
- Introduced a preprocessing method to deal with dictionary-based AGDs, which is a research focus in the field
- Successfully identified an outbreak of malicious software attack in a DNS database
- Part of a National Key Research and Development Program of China, Internet Basic Behavior Index System and Measurement Method

PROJECTS & EXPERIENCE

School News Update Feeding System   2020

Observe news updates and important notifications on school news websites, filter them and feed them to interested users via IM software. Received positive feedback among schoolmates.

ACM-ICPC Asia Regional   2019

Took part in 2019 ACM-ICPC Asia Regional in Yinchuan, China on behalf of the university

A Phishing Website Detector Based on Visual Similarity Assessment   2019

Reproduced a research comparing visual similarity using Earth Mover's Distance

A Multi-threaded Face Detection Implementation on CPU   2018

Introduced multi-thread feature to an open-source face detection project

INTERNSHIP

Network and Information Security Technology Research Center (NIST)   2020

State Key Laboratory of Computer Information Security

HONORS AND AWARDS

First Grade Scholarship (3 times)	2021, 2020, 2019
Outstanding Student Leader	2020
Contemporary Undergraduate Mathematical Contest in Modeling: Provincial Second Prize	2020
Excellent Communist Youth League Member	2020
Excellent Communist Youth League Leader	2020
National Scholarship	2019
National English Competition for College Students: National Second Prize	2019
University 9th ACM Contest: Gold Medal	2019

OTHER

Volunteer Work: Volunteered at 12th EAI International Conference on Mobile Multimedia Communications

Interests: Basketball (department team), Chinese Folk Dance

Leadership: university dancing team leader, class monitor