

LiJing. Chen

SOFTWARE ENGINEER · PENETRATION TESTER

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Education

University of Edinburgh

COMPUTER SCIENCE BSc 3RD YEAR

Edinburgh, UK

Aug. 2016 - PRESENT

Courses: Introductory Applied Machine Learning, Software Engineering Large Practical, Foundations of Natural Language Processing, Software Testing

DLUT(DaLian University of Technology)

SOFTWARE ENGINEERING

DaLian, China

Sep. 2014 - June 2016

- Weighted Average Mark: 85.1/100
- Got a Learning Scholarship which is given to students with good mark.
- Got a Technological Innovation Scholarship which is given to students with good competition results .

Projects

A CTF platform based on Laravel

KEYWORD: JQUERY BOOTSTRAP LARAVEL DOCKER

PHP HTML JavaScript CSS

Nov. 2015 - Dec.2015

- frontend: Bootstrap + backend: Laravel PHP framework
- Built a docker image for easier deployment
- GitHub: <https://github.com/nlfox/ctfPlatform>

A facial expression classifier based on LibSVM and OpenCV

KEYWORD: PYTHON MACHINE LEARNING OPENCV LIBSVM

Python

Mar. 2016 - Apr 2016

- Use OpenCV to process data
- Use HOG algorithm for feature extraction
- Accuracy: 81% (Corss validation)

A web caching system

KEYWORD: BOOST REDIS

C++

Apr. 2016 - May. 2016

- A New approach using HTTP Hijacking, 0 delay for normal requests
- Well optimized, capable for high concurrency

Xueban: A helper app for students

KEYWORD: FLASK WEBCRAWLER PYQUERY

Python

Oct. 2014 - PRESENT

- Developed the backend part
- Appstore: <https://itunes.apple.com/us/app/xue-ban/id948136730>

Extracurricular Activity

OurEDA (Laboratory for Electronic and Software Engineering in DLUT)

CORE MEMBER

DaLian, China

Sep. 2014 - PRESENT

- President of 360 CLUB .
- Gained experience in web developing.
- An popular app named "xueban" in DLUT ,available on AppStore

DUTSEC (Information Security Club of DUT)

CORE MEMBER

DaLian, China

Sep. 2014 - PRESENT

- Gained expertise in hacking & security areas.
- Held 2014 DUTSEC information security game.
- Participated on several hacking competition and won some good award.
- Conducted periodic security checks on overall IT system as a member of DLUT CERT.
- Conducted penetration testing commissioned by national agency and corporation.

Honors & Awards

DOMESTIC

2015	2nd Place , ISCC Capture The Flag Information Security Competition Final	<i>Beijing, China</i>
2015	2nd Place , 360 Information Security Game Qual	<i>Beijing, China</i>
2016	6th Place , BCTF Information Security Competition 2016	<i>Shanghai, China</i>
2015	6th Place , 360 Information Security Game Final	<i>Beijing, China</i>
2015	5th Place , Information Security Competition (XDCTF)	<i>Xi'an, China</i>
2015	Third Prize , International Contest of innovAtioN	<i>Beijing, China</i>

Language Skills

Chinese	Native speaker
English	fluent (IELTS 7.0)

Skills

Programming Language Expertise in Python ,Familiar with PHP, C++, HTML, CSS, JavaScript

Framework Done 4 projects with Laravel and Bootstrap, 3 with Flask ,1 with Angular

Database MySQL, Redis

System Ubuntu (daily use) , CentOS (use in most of my VPSs)

Security OWASP Top 10

Machine Learning sklearn LibSVM (Course work about facial expression recognition)