

QUNHAO SONG

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OBJECTIVE

Dedicated and motivated information technology graduate with proven software & network engineering skills seeking an internship of software development engineer position.

EDUCATION

PURDUE UNIVERSITY CALUMET

M.S. in Computer Information Technology. Expected graduation: Fall 2016

GPA 3.83/4.0

- Graduate thesis: Social Media Mining: Nurses activities.

PURDUE UNIVERSITY CALUMET

Donghua University (Shanghai, China)-PUC Exchange 2014-2015

- Computer Information Technology major.

- **Semester Honors and Dean's list.**

Donghua University (Shanghai, China)

B.S. in Computer Network Engineering 2010-2013

- **CCNA** (Cisco Certified Network Associate) Certification.
- Junior Achievement team leader.

SKILLS

- Python, Java, PHP, SQL, JavaScript, C++, Swift
- Docker, AWS, WEKA, Nginx, GNS3, Xcode
- Linux, OSX
- Computer Network Skills

WORK EXPERIENCE

Graduate Aide	Purdue University Calumet	2015 - Present
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- Instructed lab sections of multiple classes: Network Technologies and Intro to Computer Algorithms/Logic.
- Enhanced students' interesting and understanding of computer technology fundamental by intuitive Keynote presentation.
- Developed Overall 90% student satisfactory.

Back-end Engineer, Intern	One Place Now, LLC. , Saint John, IN	Spring 2015
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- Restructured and migrated legacy web server to Docker containers to reduce future development cost.
- Deployed the contained services on Amazon Web Service.

IT Help Desk, Intern	T-Systems, Shanghai, China	Fall 2014
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- Effectively enhanced productivity of client's company through precise troubleshooting of desktop problems and network issues.
- Participated in updating and maintaining network servers to prevent potential loss.

RESEARCH EXPERIENCE

Docker Project	Purdue University Calumet	Spring 2015
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- Conducted a preliminary investigation of container-based virtualization in information technology education.
- Redesigned a cross-platform solution to reduce education cost and improve education quality by leveraging Docker technology.
- Published a paper in SIGITE 2015.

Social Media Mining Research	Purdue University Calumet	Fall 2015
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- Developed a twitter user spider based on Scrapy framework using Python.
- Built up a machine-learning-based classifier to distinguish individual nurse Twitter users from organization users.