

Jaehoon J Shim

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OBJECTIVE

Seeking 2018 Full-time Position

Graduated on MAY '18

Web Development, Computer Security & Blockchain

EDUCATION

UNIVERSITY OF ILLINOIS at URBANA-CHAMPAIGN

GPA: 2.95 / 4.00

Bachelor of Science in Computer Science

- Writing a research paper *Configuring SSSD for Linux Client Authentication and Authorization* under Prof. Roy Campbell
- Merit Program for Emerging Scholars at the University of Illinois

Related Coursework:

Computer Security I

Digital Forensics I

Digital Forensics II

Database Systems

System Programing

Senior Thesis (Prof. Campbell)

Computer Architecture

Freshmen Honors

PAID WORK EXPERIENCES

Project Haus, WAKEUPCREW

MAY '17 – MAY '18

Co-Founder, Web Developer, Blockchain Developer (Ethereum / Blockchain / HTML)

- Designed private token based on Ethereum blockchain name Haus
- Preparing Initial Coin Offering (ICO) in mid-October
- Co-living, co-working, co-playing environment using blockchain technology using Haus token.



Engineering IT Shared Services, UNIVERSITY OF ILLINOIS

MAY '16 – AUG '17

Student System Administrator (Researched Linux / Active Directory / Kerberos / LDAP / PAM)

- Implemented *TheLinux 2.0* Authentication / Authorization Component for faster login (Improved functionality up to 300%)
- Designed SSSD configuration to migrate entire UIUC user database of Windows Server to Linux client
- Deployed login system in February 2017, currently 3,500 VM machines using this implementation.
- CS241 (~500 VMs), CS225 (~500 VMs) uses the module every semester



INTERNATIONAL PAID WORK EXPERIENCES

Republic of Korea Ministry of National Defense

MAR '14 – DEC '15

Squad Leader / Head IT Technical Support Assistant (Experienced in Python / JavaScript / Node.js)

- Enforced security policy by systematizing and publicizing security checklist
- Automated and maintained security checklist with developing a program in python

Music and Audio Research Group, Seoul National University

JAN '14 – MAR '14

Research Assistant (Developed with Java / Python / Processing / C)

- Built a demo program for the project *Development of Song-Lyric Automatic Alignment System* funded by NHN
- Applied machine learning algorithm to automatically align lyric character by character with the corresponding music
- Invented electric Korean traditional drum and performed with MARG band at the main session of HCI Korea 2014

LEADERSHIP

Crossway, Korean Church of Champaign - Urbana

AUG '11 – NOW

President / Worship Leader

- One of religious Registered Student Organizations (RSO) in University of Illinois at Urbana – Champaign
- Went retreat with 200 member of the group every semester

CERTIFICATIONS AND SKILLS

CCNA, <i>Cisco Certified Network Associate</i>	Linux, Active Directory, Kerberos, LDAP	Chrome Extension and Application
LPIC, <i>Linux Professional Institute Certificate</i>	JavaScript, jQuery, Python, Node.js, C, Java	Cyber Warfare and Information Warfare
Blockchain, Bitcoin, Ethereum	Cryptocurrency	

LANGUAGE

Native in Korean	Fluent in English	Conversation in Spanish
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HONORS AND AWARDS

CFS, the School at Church Farm Scholarship (\$31,000 / year)	Aug '07 – Jun '11
AIME, American Invitational Mathematics Examination Qualifier	Apr '10

ACTIVITIES

University of Illinois Choir

AUG '11 – MAY '12

Tenor II

- Performed twice a semester
- Haydn's CREATION