

# Jaehoon J Shim

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## OBJECTIVE

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Seeking 2018 Full-time or Internship Position

Expected Graduation: **MAY '18**

*Web Development, Computer Security & Blockchain*

## EDUCATION

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UNIVERSITY OF ILLINOIS at URBANA-CHAMPAIGN

GPA: 2.89 / 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

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**Project Haus, WAKEUPCREW**

MAY '17 – NOW

*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 – NOW

*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

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**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

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### 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

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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

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

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

## ACTIVITIES

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### University of Illinois Choir

AUG '11 – MAY '12

#### *Tenor II*

- Performed twice a semester
- Haydn's CREATION