

# Minkyung “Chloe” Kim

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## EDUCATION

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### Masters of Information Systems Management

December 2018

Carnegie Mellon University

Coursework: Distributed Systems, Data Structures and Algorithms, Python Programming, NoSQL Database Management

### B.S. in Computer Science

Ewha Womans University, Seoul, South Korea

## LANGUAGE / SKILLS

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JAVA, MySQL, C, Python, PHP, HTML, CSS, Oracle 11g Express, Redis, MongoDB, Cassandra, Neo4j, Git

## WORK EXPERIENCE

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### ICT Developer

August 2014 – July 2016

*SAMSUNG SDS, Seoul, South Korea*

- Recognized for my technical talent by Samsung's HR team and chosen to participate, free of charge, in their specialized training program.
- Completed the course of the Samsung SDS sGen Club in ICT Development successfully. (\*Certificate issued)

### Android Mobile Developer

August 2014 – July 2016

*Master Company, Seoul, South Korea*

- Attracted investment of 0.6 million dollars with this O2O service.
- Developed android mobile application (ver 1.0) solely, which makes two type of users -lenders and borrowers- being able to deal with heavy equipment.
- Redesigned database of the system with team developers.

### Undergraduate Research Assistant

Summer 2014

*Computer Algorithms and Information Security Lab, Department of CS, Ewha Womans University*

- Assistant to Post-Doc Ae-Young Kim, “Algorithm Optimization for Security Reinforcement of the Open Mobile Platform” by investigating Samsung Knox, a mobile platform for security.
- Conducted individual research and Developed prototype, “Typography Lockscreen of Mobile device”

## ACADEMIC PROJECTS

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### Red Black Tree Spell Checker Project

February 2018

*Course: Data Structure and Algorithms*

- Developed a spell checker program by implementing a Red Black tree.

### Nasa Image Scraping Project

February 2018

*Course: Distributed Systems*

- Developed a website scraping application using servlets and java server pages.

### Merkel-Hellman Knapsack Crypto Project

January 2018

*Course: Data Structure and Algorithms*

- Implement Merkel-Hellman Knapsack Cryptogram / Merkle tree with modified linked lists.

### Database Implementation Project

December 2017

*Course: Database management*

- Design and manipulate a relational database in Oracle database 11g Express.

### Desktop-based Personal Trainer Application

November 2017

*Course: Object Oriented Programming*

- Developed a desktop-based application which has an interactive graphic user interface.

## AWARDS

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### Grand Prize in Contest for cultivating Smart new generation IT Women workers

2015

- Won first place in the contest organized by The Korea Federation of Womans Science&Technology Associations.

### Minister's Award and Special Prize in K-Hackathon

2013

- Won second place in the nationwide application development challenge which was organized by Ministry of Science, ICT&Future Planning.
- Got a business proposal from the biggest startup incubator&accelerator 'Primer'.
- Developed an android application which helps working Moms communicate with their babysitters and let families share their memories by uploading photos, posting notes, and writing comments.
- Role: planning, android client side developer, database construction
- Demo video: <https://goo.gl/1NstZB> (English scripts are added.)