

# Youngsoo Lee

Graduate Student, Junior Software Engineer

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## EDUCATION

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### Korea Advanced Institute of Science and Technology (KAIST)

Sep 2019 ~ Current

Daejeon, Korea

- M.S. Student, School of Computing
- Advisor: Sunghee Choi
- GPA: 4.0 / 4.3

### Hanyang University

Mar 2015 ~ Aug 2019

Seoul, Korea

- B.S. in Computer Science
- GPA: 3.97 / 4.5

### Korea Digital Media Highschool

Mar 2012 ~ Feb 2015

Ansan, Korea

- Major in Web Programming

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## WORK EXPERIENCE

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### Geometric Computing Lab, KAIST

Sep 2019 ~ Current

Daejeon, Korea

- Research Topics: Cloud Computing, Web, and AI Engineering.

### JENNIFERSOFT, Software Engineering Intern

Feb 2019 ~ Jul 2019

Paju, Korea

- Developed a performance monitoring solution for frontend developers.  
(<https://front.jennifersoft.com/about>)
- Contributed in the frontend part of the product using ReactJS and TypeScript, and led some side projects including component separation using Storybook and automated simulations for demo using Docker and Selenium.

### Ratchet Cloud, Software Engineering Intern

Jul 2018 ~ Aug 2018

Vancouver, Canada

- Designed and developed a game forum system as an open-source project with Express and ReactJS along with the test codes (88% coverage on the backend part).  
(<http://github.com/h8tch-innovations/powerforums>)

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## OTHER EXPERIENCE AND ACTIVITIES

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### SW Maestro Program Mentee

Jul 2016 ~ Oct 2017

Seoul, Korea

- Participated to the Software Maestro program that is operated by Korean government to promote the best software engineers and entrepreneurs.
- Awarded as top 8 teams among 33 teams [**a.2**], presented at the "100+ Conference" hosted by the Ministry of Science and ICT, and signed MOU with 3 companies based on the technologies.

### ALOHA, Algorithm Research Club at Hanyang University

Mar 2015 ~ Jun 2016

Seoul, Korea

- Carried out advanced studies of algorithms and challenged to various algorithm competitions.  
**[a.1][a.4]**

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## PROJECTS

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### Color Scripter

Feb 2012 ~ Current

<https://colourscripiter.com>

- Online code syntax highlighting service that helps developers upload their code to blogs or websites with high readability.
- 10k+ visitors per month, 500+ plugins made by users, 130+ sponsors supporting this service.
- Implemented with Python, JavaScript, and MySQL along with the test codes (72% coverage on the backend part).

### K-React: Korea's trend topic and reaction analysis service

Mar 2018~ Oct 2018

<https://github.com/Prev/kreact>

- Public opinion analysis service that can identify whether the policies or marketing plans are going in the right direction by visualizing public opinion in the real time.
- Implemented with Python, AngularJS, and Redis along with the NLP and text mining techniques.
- Graduation project at Hanyang University with one other team member [a.5].

### Memento

Jan 2017 ~ Oct 2017

[https://get.prev.kr/memento\\_presentation.pdf](https://get.prev.kr/memento_presentation.pdf) (19MB)

- A project from SW Maestro Program, which collects data scattered on the Internet, and analyzes to the meaningful information through artificial intelligence technology to tell the life of the famous people.
- Participated as a team leader with 2 other mentees and a mentor.
- Developed the frontend part and designed scalable architecture of backend view part on the project.

### High School Intranet System Development Project

Jan 2013 ~ Nov 2013

<https://github.com/Prev/intranet>

- Developed an intranet system used in the high school autonomously by students ourselves.
- Designed full system with MVC pattern and modularization, implementing with PHP, JavaScript, and MySQL.
- Participated as a technical lead with ten other student developers.

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## AWARDS

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[a.5] 1 <sup>st</sup> place in Graduation Project Exhibition at Hanyang Univ. Department of Computer Science	Nov 2018
[a.4] 5 <sup>th</sup> place in 5th Algorithm Competition's advanced division at Hanyang Univ.	Nov 2018
[a.3] Award for excellent records(supported by AhnLab) in 8th TOPCIT	Dec 2017
[a.2] Selected as an one of the top teams from 7th SW Maestro Program (30,000,000₩ reward per team)	Oct 2017
[a.1] 1 <sup>st</sup> place in 2nd Algorithm Competition's beginner division at Hanyang Univ.	Nov 2015

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## SOFTWARE DEVELOPMENT SKILLS

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**Backend:** Python, NodeJS, PHP and AWS (EC2, S3, Lambda, Athena, etc)

**Web Frontend:** TypeScript, ReactJS and AngularJS

**DevOps:** Unit Tests, TDD, Docker, Jenkins, and Lint

**Database:** MySQL, DynamoDB, CouchDB, and Redis

**Little experience in** Go, Java, and C++

Last update: April 16, 2020