

Curriculum Vitae

Joohan Lee

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EDUCATION

Mar '15 – (Feb '21) Expected *Bachelor of Computer Engineering*, Yonsei University,
Republic of Korea
Cumulative GPA : 4.12/4.5 (3.72/4.0)
Major GPA : 4.29/4.5 (3.82/4.0)

EMPLOYMENTS

2020–Present *Analyst* at BSGONE Co., Ltd. RPA Team
RPA Development and maintenance, System Analysis, Business Process
Analysis, Applying RPA to SAP/ERP.
Republic of Korea

2020 *Undergraduate Internship* at Yonsei University, Computer Engineering Department,
Database Laboratory
Support for graduate students' research and
study on recommendation systems and medical
data analysis and data management.
Republic of Korea

2019–2020 *Undergraduate Tutor* at Yonsei University, Software business group
Teaching students and supporting professors in classes on campus.
Republic of Korea

2017 *Internship* at Click-Fin, Fin-tech Company
Development for Customer Relationship Management program based on
web.
Republic of Korea

RESEARCH INTERESTS

Data Science, Deep Learning, Data Mining, Database, Machine Learning, Web programming, Process
Automation, Application Programming, Finance, Business

RESEARCH PROJECTS

2020 Smart Mirror Project
Leader of the Capstone Design team
Developing the Smart Mirror from hardware to software. It presents
time, weather, stock price, e-mailbox and news. It has a voice
recognition function using google API. It also provides a makeup
transfer experience using Deep learning(GAN).
<https://www.youtube.com/watch?v=pEDA1bdUr6o&t=11s>
(Hyperlink : Demonstration Video)
Yonsei University SW Business Group, Republic of Korea

- 2020 Study on Recommendation Systems(Undergraduate Research)
Study on recommendation systems especially based on similar sequence matching and how to enhance the performance of recommendation system.
Yonsei University Database Laboratory, Republic of Korea
Related to Machine Learning, Data Mining, Database
- 2019 Research on Stock price Prediction based on RNN, LSTM
(Undergraduate Research)
Stock price prediction using stock prices and environmental auxiliary index such as exchange rate, interest rate, etc. as inputs of RNN, LSTM.
Yonsei University Information System Laboratory, Republic of Korea
Related to Data Mining, Python, Tensorflow.
- 2019 Tizen Application Development(Industry-University Cooperation Project)
Developing Smart-watch application for patient management system based on Web Application.
Lighten Technology Co., Ltd., Republic of Korea
Related to html, javascript, tau, tizen, Mysql
- 2019 Database Toy Project(at the Database lecture)
Designing a database for virtual magic world and building the database.
Yonsei University, Republic of Korea
Related to MariaDB, JSP, HTML, CSS, Apache Tomcat.
- 2019 Customer Relationship Management for Fin-tech company
Developing a CRM system to manage customers and financial items etc. using Web and Database server.
Click-Fin Co., Ltd., Republic of Korea
Related to MySQL, JSP, HTML, CSS, Apache Tomcat, java
- 2017 MFC Toy Project(at the Window Programming lecture)
Developing simple games, paint board, drawing graphs programs.
Yonsei University, Republic of Korea
Related to C++, MFC
- 2016 Website Development(alone)
Developing a simple website to give a challenge to start my business with the idea associated with shared platforms.
Yonsei University, Republic of Korea
Related to AWS, Ruby, Ruby on rails, Putty.

TEACHING EXPERIENCES

Undergraduate Teaching Assistant at Yonsei University, Republic of Korea

Courses

- 2020 YHL1026: Internet Use
2019 YHL1026: Internet Use

AWARDS & HONORS

- 2020 *Scholarship* for Excellent Academic Achieve
Gwangju Civic Scholarship Foundation, Republic of Korea
Finance: \$ 2,700

2020	<i>Scholarship</i> for Developing Career Yonsei University, Republic of Korea Finance: \$ 100
2020	<i>Scholarship</i> for Excellent Academic Achieve Yonsei University, Republic of Korea Finance: \$ 3,200
2019	<i>Software Scholarship</i> for Excellent Academic Achieve Yonsei University Software Business group, Republic of Korea Finance: \$ 2,000
2019	<i>Scholarship</i> for Excellent Academic Achieve Yonsei University, Republic of Korea Finance: \$ 2,000
2019	<i>Honors</i> for 2 ND semester Yonsei University, Republic of Korea
2018	<i>Commendation</i> for Excellence in Police. Commissioner of the Gyeongnam Provincial Police
2017	<i>Scholarship</i> for Excellent Academic Achieve Yonsei University, Republic of Korea Finance: \$ 3,500
2017	<i>Honors</i> for 1 ST semester Yonsei University, Republic of Korea
2017	' <i>Nest(Doong-ji)</i> ' Award and <i>Scholarship</i> for Excellent Academic Achieve Yonsei University, Republic of Korea Finance: \$ 900
2016	<i>Scholarship</i> for Excellent Academic Achieve Yonsei University, Republic of Korea Finance: \$ 8,500
2015	<i>Scholarship</i> for Excellent Academic Achieve Yonsei University, Republic of Korea Finance: \$ 8,500
2015	<i>Scholarship</i> for Excellent Student Yonsei University, Republic of Korea Finance: \$ 900

CERTIFICATES

2020	Certificate of <i>Software Testing Expert Program Training</i> Practical training a variety of testing methods. Korea Software Testing Association, Republic of Korea
2016	Certificate of <i>General English Course</i>

Embassy Language Institute, San Francisco, USA

2016 Certificate of *Global Village Program*
 Living with foreign exchange students in a dormitory on campus and cultural exchange.
 Yonsei University International Education Center, Republic of Korea

SKILLS

- Python, C (Well)
- Java, C++, C# (So-So)
- JSP, javascript, html, css
- Tensorflow, Keras
- Deep Learning
- Data Analysis
- Database(MySQL, MariaDB, Oracle, JDBC, SQL)
- Apache Tomcat
- RPA Software
- Web Programming
- Familiar with Windows, Linux OS
- VBA(Visual Basic for Application)

SERVICES

2018-2019 Republic of Korea *Auxiliary Police Officer*
 Gimhae Central Police Station, Gyeongnam Provincial Police Agency

OTHER EXPERIENCE

Competition

2019 Gangwon SW Festival, SW Idea Hackerthon
 Gangwon Software business groups, Republic of Korea

2019 Financial Bigdata Idea Contest
 BC Card, Republic of Korea

2019 Mydata Hackerthon
 MSIT(Ministry of Science and ICT), Republic of Korea

Online teaching

2015 Online Educational service activity (Child of a soldier in the Army)
 Main Activity: Teaching math to an elementary student