

# JaeHyun Lee

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GitHub URL: <https://github.com/LEE-JAE-HYUN179>

## PERSONAL DATA

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- Birth: 23<sup>th</sup> Dec, 1994, in Republic of Korea
- Nationality: Republic of Korea
- Language: First language Korean, Intermediate in English
- Academic Year: Senior

## EDUCATION

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Mar. 2015 ~ present	<b>Korea University</b> Department of Mechanical Engineering (GPA 4.42/4.5)	Seoul, Korea
Mar. 2015 ~ present	<b>Korea University</b> Department of Computer Science (double major)	Seoul, Korea

## RESEARCH INTEREST

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- **Robotics**
  - ✓ Path Planning
  - ✓ SLAM
- **Computer Graphics**
  - ✓ Physical based simulation
- **AI**
  - ✓ Reinforcement Learning

## INTERNSHIP

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Mar. 2020 ~ <del>present</del>	<del>Undergraduate Researcher at MLV Lab, Dept of Computer Science, Korea University</del> (Suspended due to COVID-19)
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## PROGRAMMING SKILLS

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C/C++, Java , Python, Verilog HDL  
Mobile programming(Android), DeepLearning Framework(Pytorch)

## PERSONAL PROJECT

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Sept/2018	<b>Problem Solving</b>
~present	Solve 1000 problem from online judge before graduate URL: <a href="https://github.com/LEE-JAE-HYUN179/Problem_Solving">https://github.com/LEE-JAE-HYUN179/Problem_Solving</a>
Mar/2019	<b>Verilog HDL</b>
~June/2019	implementing various module using verilog HDL in computer architecture course URL: <a href="https://github.com/LEE-JAE-HYUN179/Verilog_Design">https://github.com/LEE-JAE-HYUN179/Verilog_Design</a>
Sept/2019	<b>Soccer Match Predict</b>
~12/2019	predict the outcome of a soccer match with from-scratch ML algorithm URL: <a href="https://github.com/LEE-JAE-HYUN179/soccer-match-predict">https://github.com/LEE-JAE-HYUN179/soccer-match-predict</a>
Sept/2019	<b>Realtime Age Estimator</b>
~12/2019	Estimate the Age of various people from webcam or streaming service Using CNN model URL: <a href="https://github.com/LEE-JAE-HYUN179/age-prediction-pytorch">https://github.com/LEE-JAE-HYUN179/age-prediction-pytorch</a>
Sept/2019	<b>Line code challenge</b>
~12/2019	implementing Android memo application with Photo attachment function in Line Code challenge URL: <a href="https://github.com/LEE-JAE-HYUN179/Line_code_challenge">https://github.com/LEE-JAE-HYUN179/Line_code_challenge</a>

## AWARDS AND HONORS

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Sept/2018	Academic Excellence Award
Mar/2019	Academic Excellence Award
Sept/2019	Academic Excellence Award
2018 Spring	Special Scholarship (Full tuition 1 semester)
2018 Fall	Special Scholarship (Full tuition 1 semester)
2019 Spring	National Science and Technology Scholarship (Full tuition 6 semester), Ministry of Science, Korea