

# Jang Hoon Lee

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## EDUCATION

### Purdue University, West Lafayette

Aug. 2021 - Present

*Bachelor's of Science in Computer Science (GPA: 3.80)*

- International Student Class of 2026

### Korea International School Pangyo, Seongnam, Republic of Korea

Jan. 2018 - May 2021

- Honors & Awards: High School Principal's Honor Roll 2019-2021, AP Scholar with Distinction

## PROJECTS

### Invaders (3D Game Development), Developer & Leader

Sep. 2019 - Present

- Developed a 3D tower defense game, "Invaders", with Unity C#, currently approved and published on Steam, a video game digital distribution service by Valve
- A 3D tower defense game that uses a money management system to make it possible to purchase specific buildings against waves of enemies

### COVID-19 Social Distancing AI Program, Developer

Nov. 2020 - Mar. 2021

- Created a program capable of measuring distances between AI recognized people, using Unity C#
- Installed throughout the high school campus with authorities' approval

## EXPERIENCE & ACTIVITIES

### Tokyo Electron Kr., Intern

July 2022 - Aug. 2022

- Contributed to the development of an internal scheduling program in C# by fixing bugs, improving code quality, participating in scheduled team code reviews
- Contributed to server load monitoring with Prometheus and developing a Kubernetes-based loader to support secure multi-user access for a confidential application

### MyIb Inc., Intern

June 2022 - July 2022

- Developed and refined website features with JavaScript and React, fixing bugs and optimizing design based on user-behavior insights to improve usability

### Wonderland Education Inc., Instructor

Feb. 2022 - May. 2022

- Worked as an instructor to teach middle school students basic coding and robotics

### Purdue Science Student Council, Member

Jan. 2022 - Present

- Organized and managed On-campus related events for Purdue College of Science

### LKorea EDU Group, Paid Instructor

May. 2020 - August 2021

- Taught TOEFL as a paid professional to students attending the academy

### KIS Game Development Club, Leader

Sep. 2020 - May 2021

- Leader of school "Game Development with Unity" club
- Organized lesson plans and taught basics of 2D, 3D Unity

### Korea Herald, Student Reporter

Jun. 2020 - May 2021

- Published monthly articles on social or student issues in the largest circulation English newspaper in Korea
- Presented as a runner up for 9th session winning reviews of Herald Insight & Tomorrow

### SENA Hwarang, Officer & Member

Mar. 2018 - May 2021

- Provided free English classes to low-income students and assisted orphanage institutions/retirement homes
- Awarded the Certificate of Recognition from Orange County & CA State Legislature

### PLUR Seoul, Member

Nov. 2020 - Feb. 2021

- Opened kitchens for making food and distributed it to the homeless living in downtown Seoul
- Received a certificate from the City of Seoul

### New York Times Student Editorial Contest, Contestant

Aug. 2019 - Nov. 2019

- Wrote an opinion article opposing lenient sentencing for perpetrators of online sex crimes
- Won finalist award

### Scholastic Art & Writing Awards, Contestant

Mar. 2019 - Sep. 2019

- Published an essay on environment in the category of Critical Essay
- Awarded Silver key for excellence in writing