

# Jeesub Lee

## Software Engineer

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## Education

**Carnegie Mellon University, Entertainment Technology Center** Pittsburgh

Master of Entertainment Technology, Programmer, Class of 2022

**Sogang University** South Korea

BS in Electronic Engineering, Class of 2013

## Skills

**Backend** Java, C, C#, Ruby, Python, PHP, MySQL

**Frontend** JavaScript, HTML, CSS, SCSS

**Frameworks and Tools** Ruby on Rails, Sinatra, Django, Unity

## Work Experience

**Oeclab Co., Ltd**

**Co-founder(CTO), Full-stack Engineer**

*Apr 2013 - Mar 2019 / South Korea*

Designed and developed backend systems with REST API services using PHP(LAMP), Django, and Ruby on Rails for education and business software. Implemented cross-platform and responsive web interfaces using HTML, CSS, SCSS, and JavaScript.

## Projects

**BUILDING VIRTUAL WORLDS** Game Programmer

*Aug 2020 - Dec 2020 / Pittsburgh*

Created interactive experiences and games utilizing C# and Unity. Explored and designed different types of software architecture including game mechanics and environment. Achieved rapid prototyping and communication skills working remotely with cross-functional teams.

**STARTUPINTERNZ** Fullstack Engineer

*Jan 2016 - Mar 2019 / South Korea*

Built a job curation platform with Model-View-Controller design patterns via Test-Driven Development process. Continuously improved the software based on A/B testing. Ran a web application with 4,000 users per month and enhanced usability to reduce bounce rate from 71.79% (Jul 2018) to 38.21% (Oct 2018).

**FIND YOUR DOGGIE** Backend Engineer

*May 2018 / Pittsburgh*

Designed, implemented, and deployed a recommendation web application that matches dog breeds to characteristic types based on a behavioral survey. Developed similarity algorithms using Ruby on Rails and learned design principles for scalable and maintainable software.