

Youngjin Kang

Website: <https://thingspool.net> **Github:** <https://github.com/architsch>

LinkedIn: <https://www.linkedin.com/in/youngjin-kang-55321882>

Email: architsch@gmail.com **Current Location:** South Korea (near Busan)

Objective

To work as a software developer (Open to both full-time and part-time opportunities.)

Skills

Game Engines - Unity, Greenfoot

Graphics Programming - WebGL, OpenGL, GLSL

Frontend Web Development - HTML, CSS, Three.js, Pixi.js, React, EJS

Backend Web Development - Node.js, Express.js, Socket.io, MySQL, MongoDB

Programming Languages - C#, Java, JavaScript, TypeScript, MATLAB, C, C++, Ruby, Solidity

Source Control - Git, Perforce, Plastic SCM

Hardware - Verilog, FPGA, LCDK, Digital Electronics

Work

Software Developer (ThingsPool) 2020.9 - Present

- Have been developing experimental web applications and tools.

Tools and Graphics Developer (Galactic Entertainment) 2022.5 - 2022.12

- Developed a custom HTML5 game engine with Three.js, WebGL, and GLSL.

Software Engineer (Valkyrie Entertainment, LLC) 2019.3 - 2022.1

- Developed a Unity multiplayer game with .NET/MySQL.

Software Engineer (Signal Studios, LLC) 2017.7 - 2019.3

- Developed several Unity and HTML5 games with Node.js/MongoDB.

Education

University of Washington (Seattle, WA, United States) 2011.9 - 2013.6, 2015.9 - 2017.6

- B.S. in Electrical Engineering (Specialized in Digital Signal Processing)

Military Service

Social Service Personnel (Daejeon Museum of Art) 2013.8 - 2015.8

- Managed art exhibitions (Customer service, artwork installation, room security).

Projects

Web Games on PacoGames.com (ThingsPool) - A series of free browser-based Unity/HTML5 games.

PlanetQuest (Galactic Entertainment) - A Web3 game with real-time networking and procedural generation.

GunsUp! Mobile (Valkyrie Entertainment, LLC) - An asynchronous PvP/PvE multiplayer game (Android, iOS).

Call of Guardians (Signal Studios, LLC) - A synchronous PvP multiplayer battle game (Android, iOS).