

Hansaem Kim

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Queens, NY

[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

SKILLS

JavaScript, React, Redux, HTML, CSS, Ruby, Ruby on Rails, Python, Matlab, Git, Heroku, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery

PROJECTS

LinkU (Ruby, Rails, React, Redux, jQuery, Webpack)

[live](#) | [github](#)

LinkU is a clone of LinkedIn, the online service used for professional networking.

- Remotely stored file uploads in the cloud via AWS S3.
- Implemented custom form modal components for DRY, modular code.

SudokuBook (React, Redux, MongoDB, Node.js, Express.js)

[live](#) | [github](#)

SudokuBook is a social networking app centered on playing sudoku.

- Coordinated and recruited the group of four engineers to work efficiently without conflicts.
- Designed a feature to play a sudoku puzzle and send a post to challenge friends for a competition.

Graph It (JavaScript, HTML, CSS, Canvas, Webpack)

[live](#) | [github](#)

Graph it is a learning tool designed to facilitate learning on graphing linear equations.

- Programmed a logic to graph a line on a 2D cartesian coordinate system with a given linear equation.
- Integrated a gaming feature to promote stimulating user experience.

EXPERIENCE

HighSchool Math Teacher

Bridgeport Public Schools

Aug 2018 - Aug 2021

- Taught Math for Engineers, Algebra, Geometry, and Pre-Calculus and led students to achieve an average of 2.5 years of math growth each year.
- Founded a weekend tutoring program to support students across the district which accelerated students performance by 31%.

Corps Member

Teach For America

Jun 2018 - Aug 2020

- Selected from over 49,000 applicants nationwide to join the national teacher corps of recent college graduates and professionals who commit two years to teach in under-resourced public schools.
- Achieved 100% pass rate in a summer school program ran by Teach For America for low-income students at Olney High School.

EDUCATION

App Academy - Web Development

Jun 2021

- Immersive software development course with a focus on full-stack web development, which entailed 1000+ hours of coding.

University of Illinois at Urbana-Champaign - B.S. in General Engineering, minor in Mathematics

Aug 2012 - Dec 2017

- Executed over 50 events as the president of a registered student organization with 150 members.
- Collaborated with a real industry partner to design and develop an onion preparation tool to ensure efficiency and safety.