

## Jiyeon Yoon

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### Professional Experience

**Software Engineer, Dohands, Korea** (Dec 2020 – Present): Logistics company that provides a fulfillment service supporting all levels of e-commerce businesses.

- Building new features to calculate sales based on different billing conditions that apply to each customer, using MobX React Form for the UI.

### Skills

**Programming Languages:** JavaScript, Python | **Database:** PostgreSQL

**Frameworks/Libraries:** React.js, Redux, Express.js, Flask, Node.js

### Projects

**Dijkstra's Algorithm Visualizer** (Jun 2020 – Aug 2020)

This project implements Dijkstra's Algorithm. It allows users to set distances and finds the shortest path between nodes.

- Created this website using React and built custom designs using Tailwind CSS.
- Used Redux to manage states easily and also used Redux Thunk to access current states to create new actions.
- Added drag and drop feature so that users are able to move nodes and it can change distances between nodes depending on the setting.

**Shop with Starlet** (Mar 2020 – May 2020)

This is an E-commerce website for people to take a look at the latest fashion trends and buy items that they want.

- Built and designed this project with React, Express.js and Semantic UI React.
- Used PostgreSQL and Sequelize to create user and item data and utilise it for functions such as a search.
- Implemented a payment system supported by Stripe that makes this website accept a card payment.
- Handled user authentication using Passport.js and bcrypt.js.

**Tic-tac-toe Online** (Jan 2020 – Feb 2020)

This is a multiplayer version of the game 'tic-tac-toe'. The basic concept is that users create or join rooms to play and chat with each other.

- Implemented the front-end using React and React-Bootstrap.
- Modelled and set up the database to manage users, rooms and games using Flask-SQLAlchemy and PostgreSQL.
- Implemented the event mechanisms that allow users to receive real-time information about the rooms, game and chat using Flask-SocketIO.
- Implemented user authentication using Flask-Bcrypt and Flask-JWT-Extended.

### Selected Courses (Udemy)

The Complete 2019 Web Development Bootcamp

Complete Python Developer in 2020: Zero to Mastery

The Modern JavaScript Bootcamp (2019)

Complete React Developer in 2020 (w/Redux, Hooks, GraphQL)

### Other Experience

**Management Support, HansBiomed, U.K.** (Jan 2019 – Jul 2019): Biotech company that specializes in biological and medical device products.

- Hosted three workshops successfully and attended international conventions to promote brand awareness and sold products on the spot by actively interacting with doctors and all levels of medical professionals.
- Visited and contacted clients regularly to assess their needs, get feedback and invite them to workshops.
- Reported sales data to the head office and checked the quantity of stock every day, preventing it from running out.

**Analyst, Accounting Team, CJ ENM, Korea** (Jan 2012 – Sep 2018): Korea's No.1 entertainment & media company that operates broadcasting channels, invests in and distributes films and music.

- Conducted month-end and year-end close process in time.
- Went on a 7-month business trip to the U.S. at my supervisor's suggestion, achieved reducing time required to prepare consolidated financial statements by training co-workers of our subsidiaries.
- Worked cooperatively with our accounting firm (KPMG) and assisted them to understand our business models.

### Education

**Chung-Ang University, Korea** (Mar 2007 – Feb 2012)

- Major: Business Administration | Total average grade: 94.17/100