

## 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.

- Technologies: React.js, Node.js, AWS Lambda, PostgreSQL, TypeScript
- Supporting a website that is only for customers by customising it to better suit new customers' needs and adding functions that customers should ask staffs before, which helped eliminate bottlenecks and improve their satisfaction.
- Built new features to calculate sales based on different billing conditions that apply to each customer, and consequently there would be no need for staffs to create bills manually, which in turn reduces human error.
- Added a function to make invoices sorted by a representative location before a printout so that the time for staffs to pick up products would be significantly reduced.
- Improved search functionality for users to find data with limited information, and also added requested search fields.

### Skills

**Programming Languages:** JavaScript, Python, HTML, CSS, Sass | **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 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.

- 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.

### 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