

Chunga Lee

Software Engineering Developer

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EDUCATION

University of British Columbia, Vancouver

Major: Computer Science in BSc

GPA: 4.30/4.33

Sept 2019 – Expected: May 2023

Relevant Courses

CPSC 310/410 – Software Engineering (Grade: A+/A)

: Design, construct and validate software systems using typescript, html, css and java

CPSC 304/404 – Relational Databases (Grade A+)

: Data system and physical data design. Design ER Diagram and implement PHP web program using SQL to query information from dataset.

CPSC 322/422 – Artificial Intelligence (Grade A)

: Principles and applications of artificial intelligence and apply appropriate Representation & Reasoning system to solve problems.

EXPERIENCE

Software Engineering Intern

JNPMEDI Inc, Incheon, KR

May 2022 - August 2022

- Working on 3 main projects for 3.3 months especially in developing programs to manage users and admin functionalities with Typescript, MySQL and React.
- The projects are to make it possible for the company to own various products and manage the products and users efficiently.
- Collaborating with co-developers by using Github and having discussions to solve problems
- Testing for the product before publishing

Teacher/ Teaching Assistant

Qingdao Galaxy International School, Qingdao, CN

October 2020 - July 2021

- Teaching Java programming/biology
- Creating class materials using power points, Word and IntelliJ
- Collaborating with other teachers to make exam questions.

SKILLS

Java, Javascript/Typescript, React.js, Html/CSS/SCSS, MySQL, C/C++, Python, Go, OpenGL(GLSL)/Three.js, Haskell, Prolog, Unity

LANGUAGES

Native: Korean

Fluent: English

Beginner: Japanese, French, Chinese

PROJECTS

SaaS Application: Tournament Organizer — Group project (Sponsor: Amazon)

2022-01-10 - 2022-04-30

Skills: Java, React.js, Postgre, AWS

Description: This project builds a solution to allow easy administration of multiple tournaments with the ability for amazon employees to self-register and share availability based on format of specific tournaments.

Role: Front-end Manager

- Design layouts for a website using Figma
- Design/Implement components needed to provide functionality efficiently.
- Collaborating with back-end teammates to manage REST API

Maven Admin — JNPMEDI Inc

2022-06-01 ~ 2022-08-02

Skills: React.js, Flex (Frontend-framework), REST API, SCSS

Description: It is to provide functionality for admin to manage privileges for products the company owns. Users who have certain privileges can access the products and view/change data. The project is to provide a website to see users' information and give/remove certain privileges or roles to users.

Role: Main Project Engineer

- To grant privileges and roles to user make it possible to add a functionality to check users' product access/view/change privilege in the company's products
- Role(collection of privileges with unique name) increase efficiency to manage/grant/delete privilege for users
- Simplify the tracking process for creation/change/viewing of user information by providing a page for audit trails with filtering options.

Maven Auth — JNPMEDI Inc

2022-06-01 ~ 2022/08/02

Skills: Typescript, Cyan (Backend-framework), MySQL

Description: It is to manage users such as account information, users' privileges, roles and organizations. It can create/update/delete users and create organizations and invite users for the organization. It provides REST API for Maven_Admin project.

Role: Main Project Engineer

- Design Layered Architecture (schema(entity), model, service, controller) for User, User's privilege, Role, User's Role and Ref Audit to track audit trail.
- Add functionality to manage all account/privilege/role information of users
- Increase maintenance through project segmentation by moving user-related part to this project from a big product.