IRIS PAN

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EDUCATION

University of Alberta, Edmonton —B.Sc. Specialization in Computing Science

Sept. 2015 - April 2019

Relevant course: Software Engineering, Web applications and architect, Database, AI, Image Processing

SKILLS

- **Programming:** Python, JavaScript, Java, SQL, HTML, C, C++
- **Frameworks:** Django, Android Studio
- **Computer Vision:** 3Ds Max
- **Languages:** Mandarin, Cantonese, English, Japanese, French
- **Editors:** Atom, Pycharm, Wing IDE, Visual Studio

PROJECTS (School Projects)

HabitRabbit — An android app

- Develop a social app with Android Studio in a team.
- The app allows the user to create an account. Within the account, the user can add, edit and delete habits(i.e. walk the dog daily, write a letter twice a week). User can add and locate an event(use google maps api) under a habit(i.e. walked the dog on July 5th). Users can also search for other users and follow them.
- This project used Java and Elasticsearch to manipulate the objects on the server. This project is based on Object-Oriented concept.
- My role: Designed the basic UI and the whole structure of the app, documented UML, Use Cases and etc., coded with Android Studio(mainly on the edit habit, event parts), debugged.

Anatomy Pathway — A Web-based project

- A web-based project that allows the instructor to create an online quiz for educational use.
- The instructor can create questions for the quiz. He/she can insert an image for a question and highlight and tag an area on the image. Each question comes with multiple choices.
- It is developed in a team and used Django.
- My role: Communicated with the client, planned the scheduled, distributed tasks, designed UI and the whole structure, documented UML, Use Cases and etc., coded both front end and back end(Javascript, HTML, Python), debugged, wrote testing scripts

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Boy's Adventure — A 3 minutes long 3D animation
- Team project
- This project requires the team to come up with an interesting story and make the story into a 3D animation by using 3Ds MAX.
- Our team wrote a story about a boy who is transferred into a magic land through a book and has an adventure there.
- My role: Wrote the story, built some 3D models, created some motions and scenes

VOLUNTEER

English Conversation Club, University of Alberta — *Volunteer*

Sept. 2018
- Introduced University cultures to a group of two to four Japanese students in English
- The event took around two hours

INTERESTS & HOBBIES

Fitness, Arts(drawing and singing), Reading, Games, Cooking