

# IRIS PAN

Canso Cr. Richmond, BC

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Website: [katzesama.github.io](https://katzesama.github.io)

## 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, Visual Studio
- **Game Engine:** Unity, Love2d

## PROJECTS (School Projects)

### 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

### 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

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## PROJECTS (Personal Projects)

### Slime Adventure — Unity-based game project

- A simple game. User controls a slime to eat cakes and avoid some dangerous places.
- The player's goal is to earn enough points by eating cakes so that the game can process to the next level.

### Delivery — A Web-based project

- A web-based project that allows the seller to create menus and receive orders online.
- It also allows the customers to order food online.
- Developed in Django and it is deployed to AWS running on an EC2 Instance. The app is ready to be used.

Note: for more personal projects please visit my personal website:

<https://katzesama.github.io/>

## 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