

# Yuhang Xiong

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**Portfolio:** [www.yuhangxiong.tk](http://www.yuhangxiong.tk)

(Willing to relocate anywhere in Canada, be able to start right away)

## EDUCATION

**University of Alberta**

Sept. 2015 - June 2019

Bachelor of Science, Computer Science

## COMPUTER SKILLS

**Languages:** Python, Java, C#, C, JavaScript, Node.Js, PHP, Swift

**Containerization/virtualization technology:** Docker

**Cloud solutions platforms :**AWS, Digital Ocean, Heroku

**Working Systems:** Linux, Mac os, Windows

**Database:** SQL, MySQL, Postgres, MongoDB, Sqlite3

**Comfortable with Linux Shell/Command Line:** Yes

**Version Control:** Git

Web Related: Html, Css, Sass, Bootstrap, Javascript, React.Js, Django, Node.Js, Express .Net

**Projects GitHub:** <https://github.com/Chandler2015>

**Websites:**[www.yuhangxiong.tk](http://www.yuhangxiong.tk) <https://burger2build.herokuapp.com> <https://easy2shop.herokuapp.com> [www.2real.xyz](http://www.2real.xyz) [www.newsgrid.tk](http://www.newsgrid.tk) [www.yuhangweb.com](http://www.yuhangweb.com)

• **C# .Net Number Guesser:** A C# number guess console application. Oct. 2019

• **Django-Portfolio:** A Django portfolio app shows my projects and blogs. Sep.2019

[www.yuhangxiong.tk](http://www.yuhangxiong.tk)

• **React-Burger-Builder:** A React web app for users to build customized burger. Sep.2019

<https://burger2build.herokuapp.com>

The application allows users to add ingredients to their burger and see the order summary.

- **React-E-Shop:** A React front end, firebase backend e-shopping web application. Sep 2019

<https://easy2shop.herokuapp.com>

The application allows users to browse the items by category or total preview the items in preview. Users can add the items to the shopping cart, then checkout using the test credit card.

- **Django-CRM:** a highly customized Django customer relationship management. Sep.2019

The company sales persons can use this CRM to add customer file and related task to the customer, or create separated tasks for their daily work.

- **Realtime-chat:** a realtime chat web app written by Vue.js and Firebase. Aug.2019

Users can login using Google account then do the real time chat on the app.

- **2real Real Estate:** a full stack Django web application. Aug.2019

<http://www.2real.xyz/>

Users can register and login, can make an inquiry about the house. Super users can post or add house info, can add or delete realtors.

- **Monster Cards:** a single page React application. Aug.2019

There are 10 monster cards with their names and emails. User can filter the monster by typing monsters' names in search bar.

- **BoxKnight Challenge:** a Rest API written by Node js, Express and has frontend UI. Aug.2019

User can use the postal code to search the best shipment rate.

- **NewsGrid:** a frontend website shows all kinds of news. July 2019

[www.newsgrid.tk](http://www.newsgrid.tk)

- **Todo List:** a web application. April 2019

This is a small web application for users to add/delete tasks.(Html, CSS, JavaScript, jQuery)

- **YuhangWeb:** a frontend website April 2019

<http://www.yuhangweb.com/>

This website shows the basic information of Houston Rockets..(HTML, CSS, JavaScript)

- **GuVocabulary:** iOS education assistant app. (Business) Mar. 2019

There are thousands of Chinese words and vocabularies in the app, which have corresponding pronunciations and example sentences with them for users to learn. Users can test their learning process by doing vocabulary test, vocabulary and sentence test, sentence making test, and composition test. (Xcode, Swift)

- **Machine Learning Projects:** including supervised learning and reinforcement learning projects.  
For example:

Document Classification(supervised learning): a program trains and evaluates a Naive Bayes classifier for spam detection. (Python) Sept. 2018

Gambler's Choice(reinforcement learning): a program uses Monte Carlo algorithm to learn and train itself by playing thousands of time games within the model to calculate the best strategy for the game. (Python) Sept.2018-Dec.2018

- **Task Management Monster:** Android task management app. Apr. 2018

This is an android app for employers to post tasks, and also for employees to place bids for the task and do the task. Users can be employers or employees for different tasks. Employees can search for tasks by keywords. Employers can see users who placed the bid for their tasks through the map which records the locations of employees. Users who posted the task can decide which employee can do the task. Users will receive application notifications when there is a new task posted, someone place the bid, task is finished etc. (Android Studio, Java)

- **Shopping Database System:** Shopping database Jan.2017

Users can register an account to log in the system as an agent or a customer. An agent can add or change product information in stock, set delivery as well as pickup time. A customer can place orders, check the orders already made, check the delivery and pickup time. Both agents and customers can search for a specific item and its information. (Python, SQL)

## Work Experience

- **Developed an iOS application “GuVocabulary”** Mar 2019  
(Mrs. Gu's Chinese Teaching School, Edmonton)
- **Wrote event planning and promotion planning in marketing department.** June 2015-Aug. 2015 (New Oriental Vision Overseas Consulting Co. Ltd. Shanghai, China )