

# Hanrui TAO

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## EDUCATION

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<b>University of New South Wales</b>	Sep 2019 - Sep 2021
Master of Information Technology	
<b>Sichuan University</b>	Sep 2015 - Jun 2019
Bachelor of Information Management and Information System	

## PROJECT EXPERIENCE

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<b>Eatery Voucher &amp; Discount Website</b>	Jun 2021 - Aug 2021
Front End Developer	
Design and Implement a website that provides eatery discount vouchers.	
Using Jira manage Project and my role as a scrum master.	
Develop an eatery user system that allows eateries to manage their vouchers and discount on this platform.	
Develop a diner user system that allows diners to discover and purchase vouchers.	
Front End: HTML5, CSS3, SCSS, Javascript, ES6, Bootstrap, Flexbox, ReactJS.	
<b>Personal Website</b>	Mar 2021 - Apr 2021
Owner	
Design and develop a personal website.	
Used skills: HTML5, CSS3, SCSS, Javascript, ES6, Bootstrap, Flexbox, Git.	
<b>Design Learning Management Website</b>	Oct 2020 - Nov 2020
<ul style="list-style-type: none"><li>Develop the preliminary product description statement, context scenarios, and function requirements of the Learning Management Website; Responsible for the user research work, designed and optimized survey questionnaires, interviewed 60 potential users</li><li>Responsible for the process framework and interaction design of the website; Use the Balsamiq Wireframes tool to create mockups of the webpages</li><li>Design the Usability test plan and facilitate usability tests with 10 potential users. Collect the feedbacks of UX and optimize the prototypes</li></ul>	
<b>Kaggle Competition: Forecast Rossmann Store Sales</b>	Jul 2020 - Aug 2020
<ul style="list-style-type: none"><li>Extract 1017209 pieces of data which are about the store, promotion, and competitor data; Responsible for the data cleaning and data analysis.</li><li>Build three different Machine Learning algorithms models and an ensemble learning model to fit and train the train data set; Forecast store sales by using different models.</li><li>Analyze results and find that using the ensemble learning model can get a better result that is more precise and generalized; Also get a good score in this Kaggle competition.</li></ul>	
<b>Rating and Category Prediction</b>	Feb 2020 - Mar 2020
<ul style="list-style-type: none"><li>Extract exist business reviews in text format as a train set; Clean and analyze these data. Build a prediction model based on the knowledge of Neural Networks and Deep Learning; Using this model to predict a rating (positive or negative) associated with each new review, as well as a business category</li></ul>	

## LEADERSHIP EXPERIENCE

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<b>Volunteer Organization</b>	Sep 2016 - Sep 2018
Volunteer	
<ul style="list-style-type: none"><li>Provide course tutorials and abundant activities for children from poor families in the community.</li></ul>	

- Visiting the elderly in community nursing homes

### **Student Association**

Nov 2015 - Nov 2017

#### Team Leader

- Operate the website and WeChat public platform of the Student Association, plan weekly topic selection, design and edit the content, and report on association activities;
- Assist other departments to carry out activities and be responsible for the promotion of activities

### **SKILLS**

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- **Skills:** Python, c/c++, Html5, CSS3, SASS, Javascript ES6, ReactJS, Node.js, Balsamiq, Axure, SQL, Office, PowerPoint, Excel, Xmind, Visio