

BARON ZHOU

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A qualified IT graduate from the University of Technology with a master degree in Software System Engineering.

A team cooperater with solid working knowledge, seeking a front end developer role that utilize my coding skills to help solving practical challenges and provide great solutions.

TECHNICAL SKILLS

Front end:	Javascript React Angular HTML CSS Bootstrap
Back end:	C# Node.Js PHP
Database:	MongoDB SQL
CI/CD:	JIRA
Other:	Git Version Control JSON XML Linux SEO

EXPERIENCE

OCT 2016 – JAN 2017

FRONT END DEVELOPER-INTERNSHIP, XINGKAILI COMPANY

Technology stack:

- - HTML, CSS, JavaScript (ES6 +), Angular, React, RESTful API and Sql

Responsibilities:

- -Develop website by React, Material UI, Photoshop
- -Develop back-end by node.js, Sql
- -Design REST API based on the requirements
- -Integrate with 3rd party APIs
- -Participated in daily Agile meeting
- -CURD of Sql database.

OCT 2016 – JAN 2017

JUNIOR HARDWARE ENGINEER, NOVOSENSE COMPANY

Novosense was a low-cost **ASIC**(application specific integrated circuit) manufacturer, efficiently matching the advanced technology to application. It focused on **Digital-to-analog mixed-signal chain chip design**.

Dev Tools: **Altium Designer**

- Responsibilities:
- redesign of the **PCB (Printed circuit board)** of the previous company product by Altium Designer.
 - Used **Bootstrap** for the button component
 - Learned the guide book of the specification and parameters of the circuit to create a reasonable layout of our product.
 - testing the product.

PROJECTS

Personal Website

Individual project

This is personal website written by **HTML, CSS and Javascript**. It is **responsive** in mobile and computer served by Google Cloud. It aims to introduce myself and projects I have done before briefly.

Duration: Aug 2020

Dev Tools: **ReactJS, Front Awesome, Netlify, Bootstrap, CSS, JQUERY**

- Responsibilities:
- Written by ReactJS with **functional components**
 - Created **reusable components** by React
 - **CSS** control for **responsive website** and **frontend animation**
 - **Functionally responsive navigation bar with state management**
 - Used **Bootstrap** for the button component
 - Use **Front Awesome for icons**
 - Fetch data from Json file directly

URL: <https://clever-hangar-282201.df.r.appspot.com>

Github: [git@github.com:Baronno/resume.git](https://github.com/Baronno/resume.git)

Hospital Management website

Group project

This website aims to provide the doctors a management web system to manage their patients. It written in Javascript (ES6) and TypeScript, developed with **MEAN** (MongoDB, Express, Angular, NodeJS) and implemented server-side logic with **RESTful API**.

Duration: Aug 2019 – Nov 2019

Dev Tools: **MongoDB, ExpressJS, Angular, NodeJs, Bootstrap, RESTful APIs, AWS EC2**

- Responsibilities:
- **JSON Web Token** ensure **user authorization**
 - **Created reusable components** by Angular
 - **Full-stack CRUD function** for display, edit, update and delete patient's information
 - **Email function** to send the notification for patients about their appointment
 - Implemented server-side logic with **RESTful API**.

Achievements: **Distinction**

Interactive Emergency Information System

Group project

The interactive emergency information system to put it as complicated as possible, is a Crowd Sourced information aggregation application for the collection of **Emergency Accidents, Warnings and Alerts**.

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|-------------------|---|
| Duration | Aug 2018 – Oct 2018 |
| Dev Tools: | Angular, Google map, Visual Studio Code, HTML, CSS, JavaScript |
| Responsibilities: | <ul style="list-style-type: none"> ➤ Collaborated with back end by Mean stack to develop the whole system. ➤ Analyzed customer's requirements by Case diagram and Sequence diagram. ➤ Designed the layout and content by HTML, CSS and JavaScript. ➤ Applied case diagram and sequence diagram to design the whole system. |

Achievements: **High Distinction**

Badminton match Database

Individual project

A **relational database** developed using **SQL** for badminton matches.

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|-------------------|---|
| Duration | Aug 2018 - Nov 2018 |
| Dev Tools: | SQL |
| Responsibilities: | <ul style="list-style-type: none"> ➤ Designed the tables and relationship between the tables ➤ Draw ERD for the database ➤ Designed the primary key, foreign key and self-referenced table ➤ Built the table using by SQL ➤ Linux operating system |

Github: <https://github.com/Baronno/badminton-membership-database-design.git>

Achievements: **Distinction**

EDUCATION

JULY 2017 - JUN 2019

MASTER OF ENGINEERING, UNIVERSITY OF TECHNOLOGY (UTS), SYDNEY

Major in **Software System Engineering**

SEP 2012 - JUNE 2016

BACHELOR OF ELECTRONIC ENGINEERING, HEILONGJIANG UNIVERSITY

Major in microelectronics

LANGUAGES

- English – **PTE Academic: 72/90**
- Chinese (Mandarin) - Native

INTERESTS

- Coding
- Badminton, gym

REFEREES

Available upon request.