

He HUANG

PERSONAL DATA

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EDUCATION

- 2017 -2018 Master of Science in ELECTRONICS AND ICT, **KU LEUVEN**, Leuven, Belgium
Major: Internet Computing
Thesis: "Motivational design for self-assessment and tele-monitoring in older adults"
- 2015 -2017 Bachelor of Science in ENGINEERING TECHNOLOGY, **KU LEUVEN**, Leuven, Belgium
Major: Electronics Engineering
- 2013 -2015 Bachelor of Science in **Southwest of Jiaotong University**, Sichuan, China
Major: Vehicle Engineering

EXPERIENCE

- 2018 | Webapp Development at VRIJE UNIVERSITEIT BRUSSEL
Develop and maintain the web app MAMCA
Develop and maintain the web application designed for MULTI ACTOR MULTI CRITERIA ANALYSIS, the back-end logic is Java and the front-end with PHP.
- Web Application Design of Master Thesis at KU LEUVEN
Design based on MERN stack
An online platform will be developed to fill out self-assessments and review sensor data. **MongoDB, Express, React, Node.js** are implemented to visualize and interact with the sensor data. The main points are data visualization and user-centered design.
- 2017 | Game Design at KU LEUVEN
Design a GUI path-finding game based on C++
Develop a game which can find path automatically by using **A* path-finding** based on **C++**, using **Qt** to design **GUI** to visualize the game world. Also, design a **GUI** which can show the simulation terminal to control the player and display information of the game
- Web Application Design at KU LEUVEN
Design based on LAMP stack
Develop web application for elderly to fill self-assessment, help caregivers in Edouard Remy to manage the profile of elderly, realize functions by using **Linux, Apache, MySQL, PHP**, which also using the CodeIgniter Framework, JQuery, BootStrap.

COMPUTER SKILLS

PHP, JavaScript, React, Node.js, Android, Python, C++, C, MATLAB, mysql, Java, Arduino, Assembly