



Xiaomin Ouyang

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EDUCATION

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-  **The Chinese University of Hong Kong**
Ph.D. in Information Engineering Aug.2019 – present
Supervisor: Guoliang Xing and Jianwei Huang
 -  **Xiamen University**
Bachelor in Communications Engineering Sep.2015 – Jul.2019
GPA: **3.86/4.0 (91.45/100)** RANK: **1/68**



SCHOLARSHIPS AND AWARDS

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-  **Outstanding Graduate** of Xiamen University Jun.2019
 -  **National Scholarship** for Undergraduates, Ministry of Education Nov.2018
 - National Scholarship** for Undergraduates, Ministry of Education Nov.2017
 - National Scholarship** for Undergraduates, Ministry of Education Nov.2016
 -  **“Ben Dong” Scholarship (highest honor in Xiamen University, 6 students a year)** Apr.2018
 - Outstanding Student Leader** of Xiamen University Dec.2017
 - Merit Student** of Xiamen University Dec.2016
 -  **The Dean’s Honors Award** from School of Information Science and Technology of Xiamen University Jan.2018

PROJECTS AND CONTESTS

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-  **Final Year Project (Outstanding Undergraduate Thesis of Xiamen University).**
A real-time baby sleep monitoring system based on video analysis. Dec.2018 – May.2019
 -  **A UAV Clustered Show Systems Based on High Precision Indoor Positioning using UWB.**
I was responsible for optimizing the positioning algorithms and communication protocols in the system to get more UAVs involved. Based on the project, we won the **Outstanding Award (Rank 1st) of National College Competition of IoT** and owned a **China Innovation Patent** (Number: 2018575855.5). Jun.2018
 -  **The First Prize of National Undergraduate Electronic Design Contest (1.8% of 14406 teams)**
We chose Problem C “The Four-rotor Aircraft Detecting and Tracking System”. In this project, I was responsible for image processing algorithms in the aircraft to track the moving model car on the ground and enabling communication in the system to complete the required tasks. I also finished the part of digital circuit design and summary report. Summer 2017
 -  **The Second Prize of National Intelligent Car Competition in Fujian Division.**
I was responsible for algorithms in road recognition (digital image processing), speed and direction control (PID control). May.2017
 -  **The Third Prize of National English Contest for Undergraduates in Fujian Division.** Jul.2016

ACTIVITIES

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-  Electronic Design Association of Xiamen University **President** Sep.2017 – Sep.2018
 -  Volunteer service (**223 hours**) **Outstanding Youth Volunteer** Sep.2015 – Jun.2019