



## Xiaomin Ouyang

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### EDUCATION

- 
-  **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 Graduation 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