Zhihao **Zhou**

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Purgwal 21, 2611 GE, Delft, the Netherlands

i Born on Mar. 10, 1992 in Shandong, China

Education

Nov. 2017 | M.Sc. in Electrical Engineering

Delft University of Technology, Delft, the Netherlands

Major in Microelectronics, graduate with honor (Cum Laude)

T∪Delft

Jun. 2014

B.Eng. in Electronic Science and Engineering Southeast University, Nanjing, China

GPA: 88/100

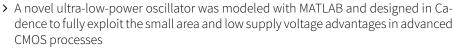


</> Project Experience

Sept. 2017 Aug. 2016

Master Thesis Intern, imec, Eindhoven, the Netherlands

> Title : a digital-intensive wakeup timer based on an RC frequency-locked loop for Internet of Things (IoT) applications



> An automated measurement script was developed with Python and the results show the oscillator has the lowest supply voltage, the highest energy efficiency, and comparable stabilities w.r.t. the state-of-the-art

Integrated Circuit design Verilog-HDL MATLAB Python Git TEX

Aug. 2015 June 2015

Intern, Changzhou Research Institute of Zhejiang University, Jiangsu, China

- > Explored control algorithms in smart car systems
- > Adapted the Kalman Filter into the navigation system of the car using data from multiple sensors, e.g., gyroscope and accelerometer
- > Collaborated with other colleagues in the PCB design of the hardware

Control System | Embedded System | MATLAB | PCB | Team Collaboration



June 2014

Bachelor Thesis: Design of An Object Tracking Software

Dec. 2013

- > Conducted research on various object tracking algorithms
- > Designed a Windows software that can track multiple objects in a video file with OpenCV libraries using Visio Studio
- > Optimized the software to handle real-time camera input for demonstration purposes

C++ Object Tracking Windows OpenCV Visio Studio



Professional Skills

Programming Languages : C/C++, MATLAB, Java, Python, Verilog-HDL, VHDL

Operating Systems: Windows, Linux, macOS

Miscellaneous: Team Collaboration, ETFX, Microsoft Office, Computer Maintenance



2013	Scholarship of Suzhou Industrial Park	2%
2013	2 nd Prize in 12 th Structure Innovation Competition	5%
2013	Meritorious Winner in 7 th Freescale Smart Car Competition	10%
2012	Outstanding Student of Southeast University	1%



