

TAO LIU

Unit 4 of 131 Barker St, Randwick, New South Wales, Sydney, Australia, 2031

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RESEARCH INTEREST

- Real-time Operating System and Embedded System Design/Optimization
- Wireless Sensor Network
- Fault-tolerance and Power Management of Embedded System
- Security Design of Embedded System

EDUCATION

- 09/2008-07/2012, Beihang University(985 and 211 university)
School of Software, Major in Software Engineering (Top 4 in China)
Overall GPA: 3.13/4.0, Last 2 years GPA: 3.32/4.0
Course: Operating System, Kernel Analysis of Linux, Embedded System Theory and Application

ACADEMIC EXPERIENCE&PROJECT

- 12/2011-04/2012 Embedded System Kernel Analysis
Responsibility: Analyze kernel structure and system characteristics of μ C/OS-II
System transplantation on ARM 7 platform
Multitasking period Optimization in uC/OS based on Rate Monotonic Scheduling Algorithm
- 10/2011-01/2012, Teaching Assistant
Responsibility: Teaching assistant of "Embedded System Theory and Application"
- 03-08/2011, Sunlight Blind Navigation System
Responsibility: Driver design for timing chip and infrared sensor. System main function design

VOLUNTEER SERVICE

- 10/2009-09/2010 Vice President of Beihang University Volunteer Association
- 09/2009-04/2012 Teaching Volunteer of China-dolls Care and Support Association

EXTRA-CURRICULAR ACTIVITIES

- 09/2009-06/2012 Class Monitor
- 10/2009-10/2011 Core Member of Google Camp
- 10/2009-10/2011 Member of School Football Team

AWARDS

- 12/2011 Second Scholarship in Beihang University
- 12/2010, Third Scholarship in Beihang University
- 12/2010, Merit Student of Beihang University
- 12/2010, 12/2011 Excellent Student Cadre of Beihang University
- 12/2009, 12/2010 Outstanding Volunteer of Beihang University

STANDARD TEST

- 6/2011 GRE: General
Verbal: 540 Quantitative: 800 Analytical Writing: 3.0
- 8/2011 TOFEL: Internet-based
Reading: 26 Listening: 19 Speaking: 22 Writing: 24 Total: 91

SKILLS

Computer skills: C&C++, Linux, MCU (8051), μ C/OS-II, HTML+CSS