

# WUDAO YANG

## Basic Information

Wudao Yang(Dylan Yang)

Location: Kunming

Birthplace: Kunming Yunnan, China

**Research Area:** Visual Computing & Educational Technology

English Skills: Taking IELTS in May 2018

**WebSite:** <http://www.iheadlab.com> **GitHub:** <https://github.com/DylanYang>

**Linkedin:** <https://www.linkedin.com/in/dylan-yang-3aab2b6a>

Computer Skills: **C, C++, JS, Java, R, MySQL, MatLab, Linux, Data Visualization**

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## Research Interests

- Knowledge Discovery and Visualization
- Visual Computing & Mobile Learning
- ERP System Development
- Neural Networks

## Education

Sep. 2009 - Jun. 2012 **MSc. in Visualization Computing & Virtual Reality,**

School of Computer Science, Sichuan Normal University, GPA 3.2

M.S., Advisor: Prof. Dr. Qianyi Gu

Sep. 2004 - Jun. 2006 **B.Sc. (Hons. ) in Computer Science**

School of Computer Science and Engineering, University of Electronic Science and Technology of China(UESTC), GPA 3.2

**Google Scholar:** <https://scholar.google.com/citations?user=k1ivP9MAAAAJ&hl=en>

## Research Publications

- Wudao Yang, Wu Ye, *A Research on Students Evaluation System of Higher Institutions Ethnic Preparatory Education Based on Social Networking with Visualization Technique*[J]. Software Guide, 2016, 15(9):85-87
- Wudao Yang, Qianyi Gu *Virtual Scene Adaptive Network Released Research Based on Pervasive Computing*[J]. Computer Engineering & Design, 2012, 33(5):2078-2083
- Qianyi Gu, Wudao Yang, Yongyan Yang, *Adaptive Optimization Framework for Mobile Virtual Scenery Application*. CAISSE 2012, IEEE Computer Society, Vol.1116, pp.22-25.

- Wudao Yang, *Based on Pervasive Computing for the Virtual Scene Adaptive Network Released Research*[D]. Sichuan Normal University, 2012:pp.1-104

## Patent

- *An Application of the Embedded PLC System for 3D Printing*, 2017:(ZL 2015 I 0915973.2), No:2529873, China.

## Research Experience

- Oct. 2015 - Sep. 2016  
Major Researcher in Software Development Project entitled *A Research on Integrated Management Evaluation System of Minority Preparatory Instruction of Higher Education College Based on Visualisation Computing*, Scientific Research Fund of Yunnan Educational Administration, China. No:2015Y245
- Oct. 2010 - Jun. 2012  
Major Researcher in Virtual Reality Development Project entitled *A Research on Individual Network Instruction Based On Knowledge Model*, the Youth Fund of National Education Scientific Planning, Administration of Education, China. No:CCA100176
- Oct. 2010 - Sep. 2011  
Major researcher in Virtual Reality Platform Development Project entitled *Adaptive Network Publishing Platform of Virtual Scene*, Open issue from Visual Computing and Virtual Reality Key Laboratory of Sichuan Province, Sichuan Normal University. No:Y2010N01
- Oct. 2009 - Jun. 2010  
Major Research in Software Development Project entitled *Automatic Evaluation Model and Application of Network Resources*, Youth Scientific Research Fund of Sichuan Educational Administration, China. No:09ZC080

## Work Experience

- Oct. 2014 - now  
Computer Science Teacher & Software Engineer, School of Preparatory Education, Yunnan Minzu University
- Aug. 2013 - Sep.2014  
Visualizing Graph Algorithm Engineer, Jinfont Software (Kunming)
- Sep. 2012 - Jun. 2013  
SAP FI Developer, Singapore Telecom NCS (Chengdu)
- Nov. 2011 - Aug. 2012  
ABAP/CRM On HANA Developer, Internship, SAP Labs China (Chengdu)
- Oct. 2009 - Oct. 2012  
Research Assistant, Visual Computing and Virtual Reality Key Laboratory of Sichuan Province

## Teaching Experience

- Oct. 2014 - now  
Lecturer, Teaching *Computer Science Fundamental Knowledge*, School of Preparatory Education, Yunnan Minzu University
- Mar. 2011 - Jun. 2011  
Teaching Assistant, Teaching *Java Programming*, School of Computer Science, Sichuan Normal University
- Sep. 2010 - Dec. 2010  
Teaching Assistant, Teaching *Visual Basic Programming*, School of Computer Science, Sichuan Normal University

## Awards

- Award of Excellent Fellow, School of Preparatory Education, Yunnan Minzu University(2015)
- Award of Excellent Researcher, Postgraduate Forum, Sichuan Normal University(2011)
- Best Technology Award in Software Designing Competition, University of Electronic Science and Technology of China(2006)
- Undergraduate Scholarship, School of Computer Science & Engineering, University of Electronic Science and Technology of China(2005)

## Certification

- Coursera Certificate of *R Programming* from JOHNS HOPKINS University, 2016.

## Referee

**Prof. Dr. Qianyi Gu**

- Association Professor, School of Computer Science, Sichuan Normal University
- Phd in Department of Computer Science of University of Colorado at Boulder
- Research Area: Knowledge Discovery and Expression, Human-computer Interaction and Virtual Reality Technology