

Yingnan Ju

Resume

School of Informatics, Computing and Engineering, Indiana University
Bloomington, IN, 47408
+1 812-360-0907
yiju@iu.edu

Education

- Aug, 2017 - **Ph. D. in Intelligent System Engineering,**
Present School of Informatics, Computing and Engineering, Indiana University Bloomington
- Sep, 2012 – **Master in Software Engineering, Peking University**
Jul, 2015 *Major GPA: 3.79 / Overall GPA: 3.78*
- Sep, 2005 – **Bachelor in Electronic Engineering, Civil Aviation University of China.**
Jul, 2009 *Major GPA: 3.72 / Overall GPA: 3.68*

Skills

- Programming Proficient: C# (7 years)
Good at: Java (3 years), Python (4 years)
Familiar with: C / C++ (1 year), Assembly Language (1 year) and Shell (1 year)
- Software Development Proficient: WPF development (4 years)
Mobile Application development on Universal Windows Platform (4 years)
Augmented Reality (AR) Development on HoloLens (2 years)
Unity 3D Scene Design of Augmented Reality (2 years)
- Design Good at XAML UI Design (4 years)
- Quality Engineering Good at automated test tools development and automation & manual testing
- OS Advanced level of Linux, Solaris and Windows
- Hardware Good at Single Chip Microcomputer and FPGA design and programming (2 years)
- Management 1 years of Engineering project management
1 years of Software project management

Work Experience

- Apr, 2016 – **Software Development Engineer, Microsoft Research Asia**
Jul, 2017 HoloLens development & research at Asia-Pacific R&D Lab (ARDLAB) Incubation
- Nov, 2014 – **Intern, Microsoft China.**
Feb, 2015 Software Engineer at Operation System Group
- Aug, 2013 - **Intern, Oracle China Development Center.**
Nov, 2014 Quality Engineer at Solaris Desktop and I/O QE Team
- Jul, 2009 – **Engineer, ADB China.**
Dec, 2010 Engineer at Airfield Lighting Control and Monitoring System Team
- Apr, 2009 -Jul, 2009 **Intern, Siemens China.**
2009 Engineer at Mobility, Airfield Solution Group

Related Experience

Research Projects

- Sep, 2017 - **Microsoft HoloLens Research**
Present - Footstep Detection with Wearable AR/MR Device
- Jul, 2016 – Jul, 2017 **Microsoft HoloLens Research**
- Ambient Light Based Mixed Reality Object Rendering; patent applied

Software Development Projects

- Jul, 2016 – Jul, 2017 **Microsoft HoloLens Development**
- Develop Holographic Apps on HoloLens
- Apr, 2016 – Jul, 2016 **Microsoft Universal App & SDK**
- Develop Universal App to run on both Windows 10 & Windows Phone.
- & Nov, 2014 - Feb, 2015 **Microsoft Universal App & SDK**
- Taobao & Wangxin Dev for Alibaba (Top e-commerce company in China)
- Sep, 2013 - Dec, 2013 **Solaris 11.2 & 12 Desktop X Test Suite**
- Forked from open source Linux X Test Suite.
- Picked cases suitable for Solaris Desktop and added Fuzz Test.

Project Management

- Oct, 2009 - Jul, 2010 **Airfield Lighting Control and Monitoring System at Hongqiao Airport, Shanghai**
- Served as Engineer and Assistant Project Manager
- Jan, 2010 - Dec, 2010 **AGLAS Integrated Lighting Control and Monitoring System at Pudong Airport, Shanghai**
- Served as Engineer and Project Manager
- Feb, 2013 - May 2013 **GPS With Friends Application Development**
- Served as Developer and Project Manager
- Cooperated with peers of Oregon University

Publication

- 2009 Yingnan Ju, **Design and realization of controlling traffic lights based on the Platform of TDN86/88 experiment** [J]. *Laboratory Science*, 2009, 6(3):76-79.
- 2013 Lian Yu; Yingnan Ju; Qi Jing; Jianbin Hu; Feng Ding; Kun You, **Context-Aware Service Modeling and Rule Evolution** [C]. *Web Information System and Application Conference (WISA)*, IEEE, 2013 10th:71-75.

Patent

- 2017 Yingnan Ju, and other 4, **Ambient Light Based Mixed Reality Object Rendering**.
Application No. 201710744763.0, MSFT Ref: 402825-CN-NP

Events

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| Nov 2017 | Fall Projects & Research Symposium, SICE, IU | Poster |
| Nov, 2017 | IEEE EnCon 2017, IU | Poster |
| Sep, 2017 | Fashion Tech Week NY "Internet of Fashion" Expo, NY | Speaker |
| Oct, 2014 | openSUSE.Asia Summit 2014, Beihang University, Beijing | Organizer |
| May, 2014 | GNOME.Asia Summit 2014, Beihang University, Beijing | Organizer |

May, 2013 Microsoft student Partner Conference, Beijing

Microsoft Student Partner

Honors

2007 -2008	FedEx Scholarship	<i>Civil Aviation University of China</i>	<i>Top 1%</i>
2006 - 2007	Government Scholarship	<i>Civil Aviation University of China</i>	<i>Top 1%</i>
2006 – 2007 & 2007 -2008	Top Grade Scholarship	<i>Civil Aviation University of China</i>	<i>Top 5%</i>