

# Qi Yang

BEIJING UNIVERSITY OF POSTS AND  
TELECOMMUNICATIONS

Master

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## Education

2012.07-...	<b>BUPT</b>	College of Electronic Engineering	Master	34/221.
2008.09-2012.07	<b>BUPT</b>	College of Automation	Bachelor	56/121.

## Project Experience

Project Name **Virtual Smart Home System (Project Leader).**

Project Description The purpose of this project is to develop an interactive three-dimensional virtual smart home system. The main achievement of the virtual scene is to control a television, air conditioning, water heaters and other appliances as well as electricity, air quality monitoring and data display.

Development environment 3dsMax, unity3D, php, MySQL, C sharp

Individual contributions interaction design and implementation by Unity3D, written C sharp control scripts, develop communication protocols, designed the database tables, build server by PHP.

Project Name **Things innovative experimental platform (three-dimensional part leader).**

Project Description The system is used for remote teaching, by logging virtual remote client to control hardware devices and download the hardware procedures for remote experiments. Virtual testing center can synchronous detect the experiment.

Development environment 3dsMax, unity3D, php, C sharp, C++

Individual contributions Primarily responsible for the creation of a virtual scene models, use C++ libraries, OSG virtual engine, to complete virtual interaction, do Network requests by C sharp script.

Project Name **Virtual Driving Training System (involved in the development).**

Project Description The project to develop virtual driving school training system for is a driving school in Guangzhou. The system can help the students learning subject two and subject three by providing virtual training and teaching.

Development environment C++, SVN, C sharp

Individual contributions Complete voice teaching modules and vehicle lighting control module, collaboration with other project developer via SVN

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## Internship

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|-------------|---|
| Content     | <b>"Chromatic Nutrition" development.</b>   |
| Description | Chromatic Nutrition is a casual puzzle game. By giving five different body organs fed 21 different foods, to get a different score bonus. The game can be enlightened understanding of healthy eating for children. |
| Achievement | The game successfully tested in a different elementary school students in the United States. By developing this game, understand the game development process, and gain more valuable experience.                   |
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|-------------|---|
| Content     | <b>YuanHengJi company.</b>  |
| Description | Involved in the development of virtual driving school training system   |
| Achievement | Through this project, has a new understanding of teamwork, and improve my professional skills, exercise my hard-working spirit. |

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## Awards

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| 2013-2014 | Excellent project leader in Laboratory                      |
| 2012-2014 | First Graduate Scholarship in BUPT(2 times)                 |
| 2013-2014 | Excellent Youth League in College of Electronic Engineering |

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## Self-evaluation

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| characteristics | responsible, tenacious, work with passion, can infect people around. loves most kinds of sports, has maintained fitness habits. |
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