

Wenqiao Li

Intent: Software Engineer

jobs@liwenqiao.com

(+86) 183-3021-5900

EDUCATION

09/2016 - 07/2018	Beijing Institute of Technology	School of Computer Science
	<ul style="list-style-type: none">• Majored in Computer Technology, candidate for Master of Engineering	
09/2012 - 07/2016	North China Electric Power University	School of Mathematics and Physics
	<ul style="list-style-type: none">• Majored in Information and Computing Science, Bachelor of Science, Grades: Top 3• Honor: National Scholarship, National Endeavor Fellowship, Provincial Outstanding Graduate, The Chowtaifook Scholarship, Second-class Scholarship (twice)• Competition: 2nd Prize of National Undergraduate Mathematical Contest in Modeling, 2nd Prize of China Undergraduate Electrician Mathematical Contest in Modeling, Provincial 2nd Prize of China Undergraduate Mathematical Contest in Modeling	

PROJECT EXPERIENCE

11/2016 - present	3D Room Reconstruction based on Floor Plan and Monocular Images	Project Leader
	<ul style="list-style-type: none">• Analyzed and formulated detailed project procedure under the mentor's guidance, analyzed the feasibility and difficulty of each module, assigned tasks to every member• In two weeks, mastered the basic usage and common commands of Linux, and deployed Caffe, DeepDriving, RoadLib and some other third-party frameworks all by myself, solved the problems occurred in the procedure	
10/2015 - 04/2016	Wind Turbine Blade Fault Detection System	Chief Programmer
	<ul style="list-style-type: none">• Mastered the usage of basic functions of Hikvision SDK and Accord.Net in a week• Designed the system based on Three-tire Structure, used WinForm to completed the user interface, achieved image capturing, pan controlling, fault detection and so on• To solve the problem that single frame costs much time, used unsafe code and pointer in C# and made the processing time of single frame lower than 30 ms	
04/2015 - 07/2015	Electric Elements Drawing Software	Chief Programmer
	<ul style="list-style-type: none">• Used GDI+ to draw the graph and used double-buffering to avoid the screen flicker• Used linked list and graph structure to indicate the elements and the connection relation, BFS algorithm is applied to detect the power-on elements, serialization and deserialization technology is used to transfer and store data in disk• Defined the message, used Socket and multithreading to communicate by internet	
10/2014 - 03/2015	Spacial Data Version Management System	Chief Programmer
	<ul style="list-style-type: none">• Defined the structure of temporary datatable and made the base data versioned• To detect and handle the conflict occurred when merging different versioned data• Obtained a software copyright (registration number:2015SR090048) as 2th inventor	

PERSONAL INFORMATION

English: CET-6 passed, able to communicate in English and browse English website

Computer: skilled in Office, mastered the usage of Matlab and SPSS

Hobbies: managing personal website, browsing technology news, digital products