

Qidong Wang

Senior Software Engineer

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Summary

- More than five years software development and design experiences.
- Proficiency in different programming languages and platforms, including but not limited to JavaScript, node.js, .NET and Python.
- Proficiency in functional programming and having great interests in programming language theory and compiler system.
- Quick learning ability, good team work spirit and communication capability.
- Prefer research related and challenging jobs and making efforts to be an expert.

Experience

Technical Lead Zhuocheng (Shanghai) Technology Co., Ltd.

July 2014 - November 2016 (2 years 5 months)

- Spot trading system design.
- Spot trading system back-end management. (React, C#)
- Spot trading system client framework, build and packaging system. (NW.js)
- Complex financial chart in HTML canvas features candlestick chart, zooming, scaling, object high performance operating, custom diagrams drawing and indicators extension, etc.
- Adapters interacting with different financial services contain features like crawling market data and operating orders, etc. (C#, node.js)
- Direct and help the department members to handle daily development works.

Senior Software Engineer Yiyun IoT Technology Co., Ltd.

February 2014 - July 2014 (6 months)

- A word relevance tagging system which uses word2vec. (Python)

Senior Software Engineer Kaqilong Network Co., Ltd.

September 2012 - January 2014 (1 year 5 months)

- Social network website for forex trader. [front-end + back-end(C#)]
- Weibo robots features auto login, crawling info and auto ads sending for target customers. (C#)
- An simple NLP system which can count the emotion scores of financial articles. (Python, d3.js)

Web Engineer Blue Cross Medical (Shanghai) Co., Ltd.

September 2011 - September 2012 (1 year 1 month)

- General web development. [front-end + back-end(PHP, MongoDB)]

Web Engineer (Intern) Sagittarius Technology Co., Ltd.

November 2010 - September 2011 (11 months)

- Social network website for movie viewers. [front-end + back-end(PHP, MongoDB)]
- A post board embedded in Splayer (PC video player client).
- A mini version of JQuery.
- Data analysis on MongoDB.

Education

University of Shanghai for Science and Technology

Bachelor of Engineering (BE), Measuring and Control Technology and Instrumentation, 2007 - 2011

Self experimental projects

title	description	link address
Spaceroad	A 3D racing game in browser	game link
EOPL exercises	λ -calculus interpreter features CPS and laziness which was implemented in Typed Racket	repo link
dawn.js	General parsing tool for engineering IDE features like autocomplete, goto definition and etc	demo link
glr-parser-rs	GLR parser implemented in Rust	repo link
paxos	Paxos algorithm implemented in OCaml	repo link
sdl	A simple dependent type language (type checker) implemented in OCaml	repo link
featherchain	Basic blockchain prototype implemented in Python	repo link