HAI-LIANG HAL WANG

Technical architect focused on delivering scalable and reliable solutions that bring strategic vision to reality. Senior backend developer with specialty in distributed systems and various algorithms. Go expert, open source author and contributor of dozens of projects

CONTACT INFO

EXPERIENCE

om/h12w g rchitecting ystem Design Engineering ce Optimization ean Code Ints Analysis g
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bernetes
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nputing /eb Services
LB
ostgreSQL
l, Route53
Analytics
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(h12.io/getgo) to collect data from online social networks

	 Developed a SOCKS client package (h12.io/socks) for parallel web crawling, which has gained over 200 stars on Github Published <i>Exploring the Efficiency and Mechanism of Whistleblowing System on Social Networking Site</i> on IEEE ICC 2014 Conference
2011	Software Engineer at SPSS Data Collection
2009	IBM ♀Xi'an
	 Rewrote visual filter editor of survey reporting with recursive descendant parser and functional pattern matching
2009	Software Engineer at Wafer Testing Team
2006	Qimonda 🛛 🗘 Xi'an
	 Developed testing system for DRAM wafer in C++ and assembly
Ç	OPEN SOURCE
2018	Run
	h12.io/run
	 mini-framework for graceful goroutine orchestration goroutine pool and leak prevention, throttle and logging
2017	json-schema
2015	h12.io/json-schema
	 a generator from JSON Schema specification to Go struct
2017	GSpec
1 2014	h12.io/gspec
	An expressive, concurrent and extensible Go test framework
2015	Aliyun-oss-go-sdk
	github.com/aliyun-beta/aliyun-oss-go-sdk
	 Winner in the contest for developing Alibaba Cloud OSS Go SDK

2014 Gombi

h12.io/gombi

- combinator-style scanner and parser in Go
- \bullet DFA scanner for Go syntax is 50% faster than the official package

EDUCATION

2007 | 2004

Master of Science in Systems Engineering

- Xi'an Jiaotong University
- MS Thesis: An Efficient Approach to Spam Filtering and its Implementation in Email System

2004 | 2000

Bachelor of Science in Information Engineering

- Xi'an Jiaotong University
- Won First Award of the National Undergraduate Electronic Design Contest

Parser & Generator

h12.io/gombi h12.io/ua h12.io/xsd h12.io/html-query h12.io/json-schema h12.io/schemata

Web Technologies

HTML CSS/SASS JavaScript/React Markdown