

Wenxuan Shi 施闻轩

+86-131-207-30301 hi@breeswish.org <https://github.com/breeswish>

EXPERIENCE

Microsoft Shanghai, Software Engineer Intern 2016.07 – Present

Add Mixpanel user tracking for Azure Website. Rewrite critical but legacy & unmaintainable pages by using modern web app technologies.

Privly Foundation, Google Summer of Code 2015 Student 2015.04 – 2015.08

Implement seamless posting functionality and cross-browser compatible layer for extensions. Refactor project for better testability and readability.

Shanghai Discovering Investment, Big Data Analyst Intern 2014.08 – 2016.02

Lead the dev of web-based client of real-time back-testing platform for traders, which functionality is far beyond other online products currently available.

PROJECTS

Fast Formula Plotter <https://github.com/breeswish/JITPlot>

JIT compilation, SSE & AVX accelerated plotting.

PinyinLite <https://github.com/breeswish/pinyinlite>

The fastest and smallest JavaScript Pinyin library. Optimized for V8.

Omnibox App Launcher <https://github.com/breeswish/OmniboxAppLauncher>

A small and handy Chrome extension for keyboard fans. Nearly 10 thousand active users.

Tiny Disassembler <https://github.com/breeswish/playground>

POC of 500-line disassembler working for most of x86 (exclude SIMD) instructions.

Vijos <https://github.com/vijos/vj4> <https://vijos.org>

Online Judge As A Service. I'm in charge of its front-end designing and development.

Molocker: Motion Unlocker <https://github.com/breeswish/molocker>

Hackathon Project. Use 3D gestures to log into or lock the Windows system. Based on Leap Motion[®], 1\$ algorithm and Windows Credential Provider API.

AWARDS

Third Place, Alibaba Information Security Competition, Leader 2015.04

Second Place, China IBM Power Mainframe Competition, Member 2015.10

Outstanding Contribution Award, W3C TTWF Hackathon 2013.08

First Prize Scholarship, Tongji University 2015.09

Outstanding Student, Tongji University 2016.01

EDUCATION

Tongji University 2013.09 – 2017.06

Software Engineering Undergraduate. GPA: 4.33 / 5.

INTERESTS

Great interest (but lacks experience): large/modern C++ projects, Windows & Linux kernels, reverse engineering, virtual machines, sandboxes, distributed systems.

Skilled: web front-end, PHP, Node.js, web security, design patterns, GitHub.