

Wenxuan Shi 施闻轩

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

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## 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.

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## 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<sup>®</sup>, 1\$ algorithm and Windows Credential Provider API.

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## 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

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## EDUCATION

**Tongji University** 2013.09 – 2017.06

Software Engineering Undergraduate. GPA: 4.33 / 5.

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## 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.