

PHILIP GAO

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SUMMARY

Skilled Developer for both back side and frontend.

Good at solving problems and willing to face challenges.

Good at English communications and teamwork.

EDUCATION

2008-2012 Bachelor, *School of Software in Tsinghua University*

COMPUTER SKILLS

Computer Language

- C/C++/Python/OO Language...: Experienced in backend and OO developing, I dived into boost & template programming.
- JavaScript/Typescript/Scripting...: Experienced in Server and Client side JS coding. And I often use host scripting tools to progress my speed.
- FP such as Haskell & Lisp: part-time hobby for those programming languages

- I Could read/write SQL language, Microsoft Kusto queries and make some basic optimization in SQL execution plans with help of tools.

Other Skill

- Very good at Applied application and problems solving.
- Good at traditional algorithm, math and physics.

Miscellaneous

- Unix Like systems and toolchains, and windows system internal tools.
- WebGL rendering skills. A sample website just for fun:
<http://crazygao.github.io/>
- Functional Programming and Concurrent Programming. I took quite some lectures on them.
- ABAP, major Java-like language and toolset used by SAP, oriented for easy table management.

EXPERIENCE

2018.7-Now	<p>Software Developer II, <i>Microsoft</i></p> <ul style="list-style-type: none"> · First Party App called Maker, replacement of "macro recorder" . I' m responsible for · Work on Office Extensibility Platform, a javascript platform with MAU of ~50k. It targets to build up cross-platform "VBA replacement" system. recent releases contains some comments related APIs written by me. I also responsible for the testing frameworks and testing reliability and new test cases for various platforms. · Create Stress Testing framework for Microsoft REST API called "Microsoft Graph" , project is whole written by me, not mature but it worked for its initial purpose.
2014.7-2018.7	<p>Software Engineer, <i>SAP</i></p> <ul style="list-style-type: none"> · Participate in designing and discussions of New Data Model and develop migration framework of New Data Model in SAP, to help customer migrating better on SAP HANA Platform. · Work on Services of SAP Financial Insurance System, with a major customers of Samsung Life Insurance. Lot of Life Insurance Services such as Tax, Dividend, Premium, ... services are shipped.

- Participate in SAP intra-preneurship, I participate in developing Mr.Booker System. It is a room booking system with IOT and cloud support. My main part is to make a whole server and client design, data communication, and I mainly implement the server. Mr.Booker system is awarded 1st prize of SAP intra-preneurship in 2015 and 2016

2012.7-2014.7 **Software Engineer, *BlackBerry China***

- Work on webkit port of Blackberry OS, it is a new OS intended to get JS/C++ as its first party language at that time, and I mainly coding and fixing bugs on its Browser app and webkit platform.
- Work on QtWebEngine browser(blink-based) on Blackberry OS, it is intended to be a replacement of previously told webkit platform. I mainly work on porting works, and fixing bugs.