

PHILIP GAO

Address:

Building 819, Door 3 Room 501

JinSong 8 District, ChaoYang

Beijing, China

100021 |

Phone: 18611859840 |

Mail: gaoylss08@gmail.com

LindedIn: [linkedin.com/in/philip-gao-a66b334a](https://www.linkedin.com/in/philip-gao-a66b334a)



SUMMARY

Skilled Developer for both back side and frontend.

Good at solving problems in teamwork 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++/C#/Python/OO Language...: Experienced in backend and OO developing,
- JavaScript/Typescript: Experienced in Server and Client side JS coding. And I often use host scripting tools to progress my speed.
- 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.
- Good at computer basics, linux basics, etc...

Miscellaneous

- Unix Like systems and toolchains, and windows system internal tools. ABAP, major Java-like language and toolset used by ABAP, oriented for easy table management.

EXPERIENCE

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| 2020.5-Now | Software Developer II, <i>Microsoft AI Platform Team</i> <ul style="list-style-type: none"> · Internal transfer to the team and work on C# test framework. · Initiate the Microsoft/promptflow project, work on feature, test, and refactors. |
| 2018.7-2020.5 | Software Developer II, <i>Microsoft OXO</i> <ul style="list-style-type: none"> · Responsible for Microsoft Graph REST API Platform development and maintenance. · Take role in 'Office Script', replacement of "macro recorder". I'm responsible for · Work on Office Extensibility Platform, a javascript platform with MAU of 300M. 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 Graph REST. |
| 2014.7-2018.7 | Software Engineer, <i>SAP</i> <ul style="list-style-type: none"> · Participate in designing and discussions of New Data Model on SAP HANA System. Develop migration framework of New Data Model in SAP, to help customer migrating to the in-memory column-based database. · Work on Services of SAP Financial Insurance System, serving a major customer called Samsung Life Insurance. Lot of Life Insurance Services such as Tax, Dividend, Premium, ... are designed and delivered. · I participate in developing Mr.Booker System, SAP intra-preneurship project. 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, <i>BlackBerry China</i> <ul style="list-style-type: none"> · Work on webkit port of Blackberry OS, it is a new OS intended to get JS/C++ as its first party language, and I mainly coding and fixing bugs on its Browser app. · Design on the crash recovery page of the Browser app. · 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. |