Philip Gao

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|  | Address:  Building 819, Door 3 Room 501  JinSong 8 District, ChaoYang  Beijing, China  100021 |  Phone: 18611859840 |  Mail: [gaoylss08@gmail.com](mailto:gaoylss08@gmail.com)  LindedIn: [**linkedin.com/in/philip-gao-a66b334a**](https://www.linkedin.com/in/philip-gao-a66b334a/?lipi=urn%3Ali%3Apage%3Ad_flagship3_resumebuilder%3B8l3g%2BmBdQTKm8gVT1zSI%2BQ%3D%3D) |

Summary

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|  | Skilled Developer for both back side and frontend.  Good at solving problems and willing to face challenges.  Good at English communications and teamwork. |

Education

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| 2008-2012 | Bachelor， School of Software in Tsinghua University |
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Computer Skills

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|  | 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 ABAP, oriented for easy table management. |

Experience

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| 2018.7-Now | Software Developer II, Microsoft   * 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 | Software Engineer, SAP   * 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 intented to be a replacement of previously told webkit platform. I mainly work on porting works, and fixing bugs. |