

# Shuhe Hanadate

DATA SCIENTIST · SCRUMMASTER

Tokyo, Japan

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*"Be Data-Informed and Agile."*

## Summary

Currently Consultant with Data Science, and/or ScrumMaster for clients of Automotive, Pharmaceutical, and Banking at GBS\*, IBM Japan. 6+ year-experience specializing Statistics in both univ and business, and 4+ years regarding to Consulting and Agile. Fan and Practitioner who love R, Stan, and Scrum. Interested in how to collaborate and communicate with data, customers, and team.

\* IBM Global Business Services (GBS) is the professional services arm of Global Services, including management and strategy consulting, systems integration, and application management services.

## Work Experience

### IBM Japan, Ltd.

Tokyo, Japan

SENIOR CONSULTANT WITH DATA SCIENCE | SCRUMMASTER

Apr. 2016 - Today

- [Pharmaceutical and Insurance, 2020] Leveraging the experiences of Agile, Lean Startup, and Statistics to plan a system to keep treatments for patients who suffer from osteoporosis with clients of both Pharmaceutical and Insurance.
- [Automotive, 2019] Lead and ScrumMaster of 5 client members of Analytics team. Explored magic-numbers; KPIs and Visualized some metrics to support Product Owner's decision-making. Through this project, client's in-house data scientists team acquired Agile and Data-Informed culture.
- [Pharmaceutical, 2019] Lead and ScrumMaster of 7 members of Analytics team. Developed a web-app to support medical representatives recommending sales activities; to whom, what, and how.
- [Automotive, 2019] Lead and ScrumMaster of 2 members of Analytics team. Visualized commands of a system about crash simulations to optimize the operation.
- [Automotive, 2018] Lead and ScrumMaster of 3 members of Analytics team. Developed a system of demand-forecasting for spare parts of motor cycles.
- [Pharmacy, 2018] Developed a function to match drugs and diseases by fuzzy matching to support pharmacists. Collaborated with other developers to develop web-app including the function. [...Click Here](#)
- [Automotive, 2018] Analyzed the market for a robot product to develop a new one. Supported to explore the early adopters' features by questionnaires and depth interviews.
- [Pharmaceutical, 2017] Developed a function to optimize sales activities of medical representatives. Collaborated with other developers to develop web-app including the optimizer.
- [Pharmaceutical, 2017] Planned and Tested a function by using the text data of medical records, to notify doctors that patients who suffer from mental diseases with a difficulty to keep receiving treatments.
- [Pharmaceutical, 2016] Cleaned and Organized the text data of medical records about mental diseases to predict the probability of becoming a long-term hospitalized patient (>90 or >180 days). [...Click Here](#)
- [Banking, 2016] Cleaned and Organized the text data of reports about money laundering, to predict the probability of an illegal activities.

## Education

### Waseda University

Tokyo, Japan

B.A. IN PSYCHOMETRICS; PSYCHOLOGY + STATISTICS

Apr. 2012 - Mar. 2016

- Studied Psychology and Statistics using R and Stan. Wrote a paper ; "Statistical Summary of the Afghanistan Conflict and the Risk of Friendly Casualties" [...Click Here](#)

## Awards

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|------|---|-----------|
| 2020 | <b>General Manager Award</b> , The General Manager Award recognizes cross-team achievements and contributions for IBM Japan group's success. (Mentioned in Work Experience 2)   | IBM Japan |
| 2019 | <b>GBS Award</b> , The GBS Award recognizes cross-team achievements and contributions for Global Business Services' success. (Mentioned in Work Experience 3)   | IBM Japan |
| 2018 | <b>GBS Service Excellence Award</b> , The GBS Service Excellence Award recognizes person for Global Business Services' success. (Mentioned in Work Experience 8)  | IBM Japan |
| 2017 | <b>Grand Prize at Cbd Hatch</b> , Cbd Hatch is business incubation contests at the department of junior consultants (associates) called Consulting by Degrees of IBM Japan. IBM Japan Leaders Board awarded our business model about Ad-Tech and Visual-Recognition as 1st out of 10 teams. | IBM Japan |

## Certification

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|------|--|-------------------------------------|
| 2020 | <b>PMI Agile Certified Practitioner</b> , The PMI Agile Certified Practitioner (PMI-ACP) formally recognizes knowledge of agile principles and skill with agile techniques.            | <i>Project Management Institute</i> |
| 2018 | <b>Certified ScrumMaster</b> , The CSM certification covers the fundamental aspects of the Scrum framework and is designed to provide an individual with a strong foundation in Scrum. | <i>Scrum Alliance</i>               |
| 2018 | <b>Certified Scrum Product Owner</b> , The CSPO certification is offered by the Scrum Alliance, specifically for the Scrum Product Owner role.   | <i>Scrum Alliance</i>               |

## Presentation

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### Shirokane Kougyou Meetup Vol.12

PRESENTER FOR <LEAD AND TEAM-BUILDING FOR DATA SCIENTIST>

- Introduced how to apply Agile Practice to lead a data scientist team. [...Click Here](#)

*Tokyo, Japan*

*Nov. 2019*

## Writing

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### Why all DSs should be practitioner of Agile

NOTE.COM

- Introduced what is Agile for Data Scientists, and Recommended to learn Agile Practice like Scrum, Lean Startup, and PdM. [...Click Here](#)

*Jun. 2020*

## Academic Society

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2020- **The Behaviormetric Society**, Association Member

*Japan*

## Pro Bono & Non-business activities

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### Platform of Regional Revitalization and SDGs

CORE MEMBER

- As a advisor of Agile and Lean Startup from Project Management Institute, support some projects for Regional Revitalization and SDGs. [...Click Here](#)

*Cabinet Office of Japan*

*2020-*

### Federated Learning Study Group

MEMBER

- Study Federated Learning that is one of ML techniques with Chief of Data Scientists in IBM Japan.

*IBM Japan*

*2020-*

### Data Science Network

MENTOR

- As a mentor, support to manage the study group for Junior Data Scientists in IBM Japan. [...Click Here](#)

*IBM Japan*

*2017-*