Job Notification Form, IIT Delhi

Company Overview

Name:	Honda R&D Co., Ltd.
Website:	http://www.honda.co.jp/RandD/
Company Type:	MNC (Foreign Origin)
Description:	NA

Job Details

Designation:	Connected Service Development/ Data Analysis Engineer
Type:	Information Technology
Place of Posting:	Akasaka, Tokyo, Japan
Job Details:	DX Promotion Department is committed to creating "connected, mobility, and energy services" with unique values to customers and society. Honda, a maker of "various mobility products", now challenges diverting its business to "services", leveraging strong expertise of product building. The department is divided into two blocks: Strategy, Planning and Development Block (SPD) and Value Creation Block (VC). Collaborating with various experts inside and outside Honda, SPD makes Honda's strategy for connected, mobility, and energy services. Based on the strategy, it ideates concepts of service seeds and develop the seeds into services. In collaboration with SPD, VC plays key roles in creating values of these services. It designs UX and UI of these services in the view of customers. It finally verifies whether these services entail real values to customers and studies business feasibility by analyzing market data and customer perceptions and behaviors, deploying the services to a market.

Example of profiles:

Position Summary 1

Role for Data Analysis in VC
You will work on the following tasks in various projects for developing connected, mobility, and energy services;
1. In order to seeking the market opportunity of a service idea, you are required to analyze, with data, whether the idea entails real values to customers and estimates the appropriate market volume of it
2. You are required to incubate the idea into a service by analyzing various types of data
3. You are required to study the business feasibility of the service

Goals
In general, you are assigned to a variety of projects of service development, so the deliverables also vary; sometimes you are required to build and analyze a financial model of energy service, and in other cases you will analyze the business feasibility of autonomous mobility services. In that sense, the types of deliverables are not assessed by themselves. However, like in a consulting company, your solution quality, leadership, and issue difficulty are main parameters for

Phase 1: First Year

You are assigned to a few projects of service development. In these projects, as a member, you are basically given high-level project issues. However, you are required to break project issues into analysis issues by yourself. Once the issues are set, you are expected to solve the issues in high quality. During and at the end of the project, you are required to report analysis model, logic behind the model and outcomes of analysis.

Phase 2: Second Year

You are expected to lead a project. In this point, you are required to ideate a new service idea and to set high-level issues, as well as to set and solve analysis issues in any circumstances. You are expected to challenge a difficult project.

Phase 3: Third Year

You are expected to be a leader of data analysts. In this level, you are assigned to and lead several projects, simultaneously. While you will set high-level project issues and analysis issues, you will also assign these issues to your colleagues and direct them to solve these issues in high quality. In this sense, not only is your problem solving skill assessed, but your mentoring skill is also assessed.

Responsibilities

-Make an appropriate hypothesis to find whether a service idea has customer values and to study business feasibility
-Set appropriate issues from the hypothesis to enable analysis of customer values and business feasibility of the idea
-Collect data for analysis by actively communicating with various customers and searching internal and external data sources
-Analyze various types of data (e.g. images, location, market data and customer voices) to solve the issues
-Build the financial model of the service and analyze customer reactions of a mock service

Required skill set

You are expected to have or to learn quickly some of the following skills and knowledge;
-Respect to the others and skill for communicating with various people to work in a team
-Conceptual skills for framing appropriate issues from a vague problem or situation
-Statistical and business analysis skills, using analysis tools (e.g. R, Python, etc.) and BI tools
-Basic knowledge of IT, finance, and operation, hopefully programming and coding

Position Summary 2

Role for Connected Service Development in SPD

You will work on one of the following task;
1.Advanced research for making a new service for connecting customers, society and Honda's various products in order to create unique UX
2.Developing, with a subsidiary in USA, unique UI functions for connecting Honda's vehicle and smartphones in order to improve UX in a car
3.Developing, with retailers, services of merchant aggregation and loyalty programs, for drivers of Honda cars

Goals

Phase 1: First Year

You are required to quickly learn Honda's connected strategy. High-level issues of a project are often given by your boss, but you are required to break these high-level issues to technical issues. You are often required to make technical requirements to build a connected service system. In collaboration with partners, you are required to design parts of smartphone app system and IVI system. Your level of solution quality is assessed.

Phase 2: Second Year

You are expected to become a sub-leader or a key player of a project. You will become responsible to build an entire system of smartphone app or IVI system that can become Honda's core competence. You are also required to build the operation system and updating process after deployment.

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Phase 3: Third Year
As a leader, you are expected to lead a team to develop a challenging project to develop a connected service. The role includes not only technical aspect of development, but also financial and operation aspects. This requires you to communicate with various professionals inside and outside Honda. As a leader you are required to set high-level issues and to manage resources and timeline. The level of deliverables is based on the project timeline, but you are expected to deploy the service to a market on given timeline, which is often tight. At the same time, you are expected to play mentor roles in the team as well.

Responsibilities
-Communicate actively with various colleagues, partners and suppliers and find high-level issues for developing new connected services and functions
-Break the high-level issues down to sub-issues of technical and business requirements and plan to solve them
-Solve these issues as a team by analyzing data

Required skill set
You are expected to have or to learn quickly some of the following skills and knowledge;
-Respect to the others and skill for communicating with various people to work in a team
-Project facilitation skills for setting goals, finding issues, planning and managing schedules
-Basic knowledge of vehicle devices and communication technology, such as Bluetooth, Wifi, CAN, MOST, and Ethernet
-Expertise for developing and operating in-vehicle and web apps
-Expertise for designing and operating open system Infrastructure (database) and system for big data analysis

International: Yes

Joining By: October 1

Salary Details

CTC: 8200000 JPY Per Annum

Gross: 7200000 JPY Per Annum

CTC Breakup: Base + House Rent + Healthcare + Allowance (food & commute) + Japanese Training

Perks / Bonus: We follow a concept of 'supreme bonus':
After every 6 months of evaluation:
1. Output meets the assignments: no incentive (CTC: JPY 8200000)
2. Outstanding outputs: additional bonus of JPY 560000 (CTC: JPY 8200000+560000)
3. Supreme outputs: additional bonus of JPY 1120000 (CTC: JPY 8200000+1120000)
So maximum CTC a candidate can get after 1 year depending upon his performance is JPY 8200000+ 1120000+ 1120000 = JPY 10740000

Selection Process

Resume Shortlist: Yes

Written Test:	No
Online Test:	Yes
Group Discussion:	No
Medical Test:	No
Personal Interview:	Yes
No. of Rounds:	2
No. of Offers:	1
Minimum CGPA:	

Eligibility

Recruiting PHDs:	Yes
Eligible Departments:	B.Tech in Biochemical Engineering & Biotechnology, B.Tech in Civil Engineering, B.Tech in Chemical Engineering, B.Tech in Computer Science & Engineering, B.Tech in Electrical Engineering, B.Tech in Electrical Engineering (Power and Automation), B.Tech in Mechanical Engineering, B.Tech in Production & Industrial Engineering, B.Tech in Mathematics & Computing, B.Tech in Engineering Physics, B.Tech in Textile Engineering, B.Tech and M.Tech in Biochemical Engg & Biotechnology, B.Tech and M.Tech in Chemical Engineering, B.Tech and M.Tech in Computer Science & Engineering, B.Tech and M.Tech in Mathematics & Computing, B.Tech in Production & Industrial Engineering and M.Tech in Production Engineering, B.Tech in Mechanical Engineering and M.Tech in Mechanical Design, B.Tech in Mechanical Engineering and M.Tech in Applied Mechanics, B.Tech in Production & Industrial Engineering and M.Tech in Mechanical Design, B.Tech in Textile Engineering and M.Tech in Computer Science & Engineering, B.Tech in Chemical Engineering and M.Tech in Computer Science & Engineering, B.Tech in Production & Industrial Engineering and M.Tech in Computer Science & Engineering, B.Tech in Civil Engineering and M.Tech in Structural Engineering, B.Tech in Civil Engineering and M.Tech in Construction Engineering & Management, B.Tech in Engineering Physics and M.Tech in Computer Science & Engineering, B.Tech in Mechanical Engineering and M.Tech in Thermal Engineering, B.Tech in Mechanical Engineering and M.Tech in Computer Science & Engineering, M.Tech in Chemical Engineering, M.Tech in Molecular Engineering: Chemical Synthesis & Analysis, M.Tech in Geotechnical and Geoenvironmental Engineering, M.Tech in Rock Engineering & Underground Structures, M.Tech in Structure Engineering, M.Tech in Water Resources Engineering, M.Tech in Construction Engineering & Management, M.Tech in Environmental Engineering & Management, M.Tech in Transportation Engineering, M.Tech in Computer Science & Engineering, M.Tech in Applied Optics, M.Tech in Solid State Materials, M.Tech in Fibre Science & Technology, M.Tech in Textile Engineering, M.Tech in Textile Chemical Processing, M.Tech in Atmospheric-Oceanic Science and Technology, M.Tech in Biomedical Engineering, Master of Design in Industrial Design, M.Tech in Communications Engineering, M.Tech in Computer Technology, M.Tech in Control & Automation, M.Tech in Integrated Electronics & Circuits, M.Tech in Power Electronics, Electrical Machines & Drives, M.Tech in Power Systems, M.Tech in Radio Frequency Design & Technology, M.Tech in Mechanical Design, M.Tech in Industrial Engineering, M.Tech in Production Engineering, M.Tech in Thermal

Engineering, M.Tech in Engineering Analysis & Design, M.Tech in Industrial Tribology & Maintenance Engineering, M.Tech in Energy Studies, M.Tech in Instrument Technology, M.Tech in Optoelectronics & Optical Communication, M.Tech in Polymer Science & Technology, M.Tech in Telecommunication Technology & Management, M.Tech in VLSI Design Tools & Technology, M.S.(R) in Biochemical Engineering and Biotechnology, M.S.(R) in Chemical Engineering, M.S.(R) in Civil Engineering, M.S.(R) in Computer Science & Engineering, M.S.(R) in Telecommunication Technology and Management, M.S.(R) in Information Technology, M.S.(R) in Biological Sciences, M.S.(R) in Applied Mechanics, M.S.(R) in Mechanical Engineering, M.S.(R) in Electrical Engineering, M.Sc in Chemistry, M.Sc in Mathematics, M.Sc in Physics, Doctor of Philosophy