Full-stack Developer

Location: Beijing
Sector: Energy
Starting date: ASAP

Mission

The Digital Innovation team is a new team created with two missions:
技术与创新组是公司新成立的小组，有如下两个任务：

1) **Digital exploration:** To explore the cutting-edge digital technologies emerging from China's universities, tech giants and startups. We develop prototypes with the aim of learning by doing and to share the results across the company.

数字业务探索：从中国的顶尖学府，科技巨头和创业公司发掘前沿科技。我们的目标是快速为新科技建立用户试用版本，在公司内进行展示。

2) **Digital growth:** To support the business activities of our client with digital services including data science and the development of new digital products and services.

数字业务增长：数字科技服务支持公司的商业活动，例如用数据可视化，产品原型试用来创造价值。

The team is young, dynamic and ultra-curious. It comprises software developers, data scientists and innovation experts. We operate like an in-house startup, but one that works on virtual and augmented reality, mobile apps, data visualisation, artificial intelligence, blockchain, bots, connected home and IoT... all wrapped in a beautiful layer of great user experience and visual design.
我们是一个由数据科学家，算法工程师，项目经理，软件工程师以及创新专家主任构成的年轻的小组。我们与创业公司合作，试验VR，AR, 小程序app，网页，数据可视化，AI,区块链，聊天机器人和物联网。希望由你来把我们的技术用极佳的视觉设计(UI) / 用户体验(UX)进行展示，推广给客户。

You'll be equipped with great hardware and software tools, a collaborative, open environment and an endless supply of new ideas and technologies. We are constantly learning: monthly half-day skill sharing sessions are supplemented with hack days, talks from academic researchers and meetups. We will be supported but you will have a lot of autonomy.
我们有着合作，开放，充满新想法和新科技的环境。我们在不断学习：技能交流，开发比赛活动，专家演讲。我们会共同支持你的工作，同时给你足够的自由发挥空间。

Position:

The objective of the role is to contribute to existing and new digital projects in collaboration with company's business units and its' R&D departments. The role will cover both digital exploration and growth. As a result, the potential scope is large with both POCs and products and services for daily use. You will work on front and back-end web development, mobile apps, mini-programmes, blockchain, augmented reality… variety and excitement are guaranteed!
该职位的目标是与公司中国业务部门和研发部门合作，为现有和新的数字项目做出贡献。潜在范围很广，涵盖数字探索及增长。因此，无论是POC还是日常使用的产品和服务，其潜在范围都很大。你将有可能从事前端和后端网络开发、移动应用程序、小程序、聊天机器人、语音助手、区块链、AR……项目丰富多彩！工作成果以功能化原型展示。

The specific activities will certainly evolve over time, but in the short-to-medium term you will:
具体的活动肯定会随着时间的推移而发展，但在中短期内，您将：

You will be mainly working on 2 projects under carbon neutrality products for end users:
主要从事碳中和产品的2个项目，用于最终用户：

- Lead the development of a number of POCs to explore use cases covering NFTs and the Metaverse, working with colleagues in the UK and France
  与英国和法国的同事合作，领导多个POC的开发，探索涵盖例如Metaverse
- Contribute to the development of a new SaaS platform for Chinese power markets, co-developed with other R&D colleagues and an external partner in China;
  为中国电力市场开发新的SaaS平台做出贡献，与其他研发同事和供应商共同完成开发工作；
- Contribute to the development A new SaaS platform to enable internal and external clients to access R&D's powerful AI tools,
  帮助开发新的SaaS平台，该平台为使内部和外部客户能够访问研发的强大AI工具，
- Lead the development of a POC to enable customers to assess the ageing of their electric vehicle's battery
  主导评估电动汽车电池的老化情况面向终端消费者的应用程序POC研发
- Lead the development of an application to encourage low-carbon behaviours, in collaboration with colleagues in France
  与法国同事合作，主导鼓励低碳行为的应用程序的开发工作
- This application is aimed at the French market and French customers and is a mobile application co-developed by the company's French centre
  该应用程序针对法国市场和法国客户，由公司法国中心共同开发的移动应用程序；
- Early-stage 3D projects with a global perspective, requiring experience and competence in 3D development skills
  具有全球视野的早期3D项目，需要3D开发技能的经验和能力；

Requirement:

The perfect candidate should be able to demonstrate strong and broad software development skills - someone who can do (or quickly learn to do) anything!

完美的候选人应该能够展示强大而广泛的软件开发技能——能够做（或快速学习）任何事情的人!

Essential

核心技能

- An overall enthusiasm for, and interest in, creating the digital future
  对创造数字未来的整体热情和兴趣
- Strong experience with back-end technologies: Go, Docker, Kubernetes and cloud platforms, especially AliCloud/AliYun and AWS
  拥有丰富的后端技术经验：Go、Docker、Kubernetes和云平台，尤其是阿里云/阿里云和AWS
- Strong experience with front end technologies: JavaScript, ReactJS, and Go
  拥有丰富的前端技术技能和经验：JavaScript、ReactJS，以及react、vue、angular和node and Go等框架
- Experience with all aspects of design, specifying and architecting technical solutions
  具有设计、指定和架构技术解决方案（如RESTful web服务）的所有方面的经验
- Understanding of app development technologies - native and webapps
  了解应用程序开发技术-原生应用程序和网络应用程序
- Experience working both independently and in a team-oriented, collaborative environment
  有独立和团队工作的经验，以及在以团队为导向的协作环境中工作的经验
- Curiosity and the ability to learn, understand, and apply new technologies, especially in apps and mobile industries
  好奇心以及学习、理解和应用新技术的能力，尤其是在应用程序和移动行业
- Fluent Chinese and professional level English
  流利的中文和专业水平的英语
- Experience in developing mini-programmes for AliPay or WeChat
  有为支付宝或微信开发小程序的经验

Desirable

加分项：

- Experience with blockchain development tools such as Ethereum/Solidity
  拥有Solidity等区块链开发工具的经验
- Experience with Metaverse and 3D projects, including relevant development tools such as Unity.
  有Metaverse和3D项目经验，包括Unity等相关开发工具。
- Experience in game development and game engines
  游戏开发和游戏引擎方面的经验
- Experience with Python
  有Python和Php的经验
- Experience in developing mini-programmes for AliPay or WeChat
  有为支付宝或微信开发小程序的经验
- Experience using Docker and Serverless
  使用Docker和Serverless的经验
- Experience with database technologies and methodologies.
  有数据库技术和方法的经验。
- Experience with AR - for example ARKit or ARCore
  有AR经验-例如ARKit或ARCore
- Good level of French
  法语水平良好

We give the greatest importance to being innovative, flexible and being keen to work within a team animated by a start-up spirit along with project management skills. An interest in energy and the energy industry would be an asset. The role will be based in Beijing with occasional travel inside China.

我们最重视的是创新、灵活，并渴望在一个充满创业精神和项目管理技能的团队中工作。希望您拥有对能源和能源行业的兴趣。岗位位于北京，有国内出差可能。

APPLICATION： Please send your resume to: bj-hr@ccifc.org