

Partnering Opportunity

Profile status : Published

Research Development Request

H2020-MSCA-IF-2020: Data or business analyst (PhD) or researcher with several years of experience in computer science or related discipline sought for designing and developing HyperCards

Summary

A German SME develops customised HyperIntelligenceCards based on the leading technology of MicroStrategy. Data or business analyst (PhD)/experienced researcher in computer science or related discipline is sought within Society & Enterprise Panel of Individual Fellowships of Marie-Skłodowska-Curie actions. He/she should contribute to further design and develop the HyperCards, as well as enhance the intuitive user experience and data exploration.

Creation Date	14 April 2020
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Expiration Date	17 August 2020
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Details

Description

The German SME has several years of experience in the complete software development process across different industries, focusing on agile software development methods like Scrum and applying the Scaled Agile Framework (SAFe) for Lean Enterprises. The company is a MicroStrategy partner and is located near the European financial center Frankfurt am Main in Germany.

It develops customised HyperIntelligenceCards based on the leading technology of MicroStrategy. In a nutshell, the HyperCards are small reports, summarizing information on predefined attributes and KPIs, generating immediate additional insights during a web search or web reading without an additional mouse click.

The main idea of the customised HyperCards is to democratise the usage of fast insights and make it available to small and medium enterprises. The SME offers this solution over the web through a software-as-a-service (SaaS) approach. A how-to-get manual is available.

The company would like to hire a data or business analyst with a PhD or an experienced researcher (scientific worker) with several years of research experience in computer science or in a related discipline - mathematics, physics, engineering or economics, in the framework of the EU program Individual Fellowships: MSCA-IF-EF-SE (Society and Enterprise panel) of the Marie-Sklodowska-Curie actions.

The candidate should contribute to further design and development of the HyperCards, as well as enhancements of the intuitive user experience and data exploration. He/she should also focus on real-time information generation applying machine learning and cloud analytics methods.

The anticipated duration of the project is 2 years. The deadline of the call is 9th September 2020. The deadline for EoIs is 17 July 2020.

Advantages and innovations

There is a growing interest within the society for catching right information at a right time and taking relevant decisions during an online research or an online document reading. This information could be global news about involved business partners, a relevant relationship about a company or a product. The HyperCards provide the users with powerful know-how using peer comparisons, correlations or other connections within the entities.

Large corporations around the world are using specialized solutions for these purposes like the HyperCards developed by MicroStrategy, implemented on the top of an enterprise-own data warehouse for areas of controlling, finance or marketing. Small and medium-sized companies or the public sector do not use such systems and rely on individual time-consuming online research and a manual data matching process.

Stage of development

Prototype available for demonstration

Comments Regarding Stage of Development

A HyperCards how-to-get manual is available at the company's homepage.

IPR Status

Trade Marks

Comment Regarding IPR status

The company's name is a registered trade mark.

Keywords

Technology

01003003	Artificial Intelligence (AI)
01003006	Computer Software
01003010	Databases, Database Management, Data Mining
01003013	Information Technology/Informatics
01005005	Information Filtering, Semantics, Statistics

Market

02006004	Data processing, analysis and input services
02006005	Big data management
02007004	Program development tools/languages
02007007	Applications software
02007016	Artificial intelligence related software

NACE

J.58.2.9	Other software publishing
J.62.0.1	Computer programming activities

Network Contact

Issuing Partner

ZACHODNIOPOMORSKI UNIWERSYTET TECHNOLOGICZNY W SZCZECINIE

Contact Person

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Open for EOI: **Yes**

Dissemination

Relevant sector groups

ICT Industry and Services

Client

Type and Size of Organisation Behind the Profile

Industry SME <= 10

Year Established

2016

Turnover

<1M

Already Engaged in Trans-National Cooperation

No

Certifications Standards

none

Languages Spoken

English
German

Client Country

Germany

Partner Sought

Type and Role of Partner Sought

The purpose of the partnership is a common application for funding under the EU program MSCA-IF-EF-SE Society and Enterprise panel, where the German SME will be the hosting organisation for the researcher.

The candidate should contribute to further design and development of the HyperCards, as well as enhancements of the intuitive user experience and data exploration. He/she should also focus on real-time information generation applying machine learning and cloud analytics methods.

Working with the customised HyperCards, the candidate will also develop his /her knowledge using the latest MicroStrategy technology and will gather experience in the agile software development process according to the SAFe framework.

The scientific researcher should have a business or technical background (economics, computer science, engineering, mathematics, physics) and have experience in most of the following areas:

- Programming experience preferably using Python or R
- Creative thinking and willingness to learn new technologies
- Interest in machine learning models
- Knowledge of data analytics concepts and data science methods
- Development of REST API (REpresentational State Transfer: REST; Application Programming Interface: API)

Type of Partnership Considered

Research cooperation agreement

Program - Call

Framework Program

Marie Skłodowska-Curie Actions

Call title and identifier

H2020-MSCA-IF-2020 (MSCA-IF-EF-SE Society and Enterprise panel)

Coordinator required

No

Acronym

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Duration

104 days

Deadline for EOI

17 Aug 2020

Deadline of the Call

09 Sep 2020

Weblink to the call

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/msca-if-2020>

Attachments
