CYBERSECURITY JUNIOR RESEARCHER

Company Description

Vicomtech is an applied research centre specialising in Advanced Interaction technologies, Computer Vision, Data Analytics, Computer Graphics and Language Technologies. Vicomtech aims to respond to the innovation requirements of companies and institutions. With six departments and over 105 researchers, including 31 PhDs- and over 70 scientific publications per year, Vicomtech promotes the use of the latest state-of- the-art technologies in applications that support the cycle of innovation in companies and institutions of our environment. It belongs to Graphicsmedia.net, a strategic alliance of international applied research centres working in computer graphics and multimedia technologies.

Information

- Deadline: 2019-06-30
- Category: Business
- Province: Gipuzkoa
- Country: Basque Country
- City: San Sebastian- Donostia

Company

Vicomtech

Main functions, requisites & benefits

Main functions

Cybersecurity is a priority area for us. We work with several relevant actors in the field, we are permanent member of the Basque Cybersecurity Centre (BCSC), and we are a leading Technology Centre in H2020 Secure Society funding in Spain. We are looking for the position of Cybersecurity Junior Researcher   Selected candidates will contribute in project development and in applied research publications in digital security domain. Cybersecurity has a specific Body of Knowledge in Vicomtech (including Cybersecurity Analytics, Industrial Cybersecurity & Cyber-Physical Systems, Internet security, Secure Architecture & System Design). Additionally, it is strongly related with other technologies (see Vicomtech general profile above) and with domains where security can be considered transversal (for example: Identity & Privacy, Biometrics (image & voice recognition), Media Security, Video Surveillance, Security Management). The selected candidate's activities will include:

Development of software-based technology in the field of cybersecurity (including high- level and low-level software)
Operation of electronic devices, operating systems and tools in cybersecurity laboratories (routers, firewalls, servers, ...)
Realization of multiple and varied tests of the developed software, analyzing the obtained results
Active participation in department technical meetings and center organizational meetings
Participation in the writing of applied research articles for journals and conferences
Workplace: San Sebastian-Donostia and/or Vitoria-Gasteiz

Requisites

Academic Bachelor's or Master's Degree in a TIC related field.
Proven experience, formation or training in cybersecurity related aspects.
High programming skills in some low-level language and python.
Problem solving skills and ability to work under pressure.
Willing to work hard in exciting and challenging situations.
Strong team worker.
  Additionally, to have one or more of the following characteristics will be a clear plus:
High attentional control and mathematical thinker; equally logical and creative thinker.
Personal resistance to frustration and capabilities to chase long-terms results.
Knowledge of several programming paradigms, there are more than one way to obtain the same goal.
Active participation in team meetings, explain a viewpoint on a topic issue giving related advantages and drawbacks
Interest in developing a scientific record.