

Move securely within the cyberworld

itrust consulting s.à r.l.

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IoT researcher and developer (CDI, m/f)

Context

In the context of the EU-funded ATENA project and upcoming follow-up projects, itrust consulting is seeking a developer with an interest in research to work primarily on an Internet-of-Things (IoT)-focused wireless Intrusion and anomaly Detection System (IDS) for smart home, smart business, and Industrial IoT (IIoT) environments. The project also involves developing a centralized reporting and analysis module to which many such IDSs will report. Immediate availability of the candidate is considered an advantage. The willingness to learn and take on other responsibilities, e.g. security consulting, is paramount.

Requirements

- Good programming skills. Having previously worked on projects involving Raspberry Pis or Banana Pis is considered an advantage;
- Good knowledge in IoT communication protocols, especially wireless protocols such as Zigbee, Z-Wave, Bluetooth, etc.;
- Good user and developer documentation skills, in particular in system requirements and specifications;
- Experience in development and familiarity with development management methods such as SCRUM or project management methods such as PRINCE2 are considered an advantage;
- Analysing and modelling skills (UML, SysML);
- Knowledge in system testing;
- Immediate availability.

Profile of the candidate

- Master's degree in computer science or mathematics;
- Experience in product specification would be an advantage;
- High motivation to propose new services;
- Fluency in English (Luxembourgish, French and German are considered as an advantage);
- Capability to work independently and within a team;
- Analytical and synthesis skills for writing technically correct, convincing and easy-to-understand reports;
- Good knowledge of the Microsoft tools Word, Excel, PowerPoint, Outlook, Latex (any other tool will be considered as an advantage).

Thank you for sending your most recently obtained diploma and ratings for the last two academic years, your updated CV, and a letter of motivation to Ms. Marieta Dimitrova.