

Research Software Engineer on Web Application Protection

Under the framework program P2020 - “Projetos de I&D - Projetos Individuais”, Project Number 24146, called “AppSeal”, the Polytechnic Institute of Porto - School of Engineering, working under contract from Jscrambler S.A. - is looking for a Research Software Engineer to join the aforementioned project.

We are developing advanced Web Applications protection mechanisms that include client-side runtime execution protection and data and DOM integrity verification. To address this challenging research and engineering effort, we need motivated engineers with skills in JavaScript Web Application development to work with our experts on different aspects of the solution.

Responsibilities

You will integrate a team performing research and development in Web application protection. Your role will be to research & develop advanced protection mechanisms that are tightly integrated with the Javascript language and browser platform. You will also contribute the analysis of the protection platform, namely in prediction and analysing its performance using analytical and software tools.

Required skills

Willingness to learn and contribute to the design of complex and secure solutions;
Knowledge in Web Application development using JavaScript and Node.js;
Familiarity with web-based architectures;
Knowledge of software development best-practices;
Good communication skills, and strong english proficiency;
Willingness to learn, adapt and work with minimal supervision.

Qualifications

Applicants should hold a Master's degree in Computer Engineering, Computer Science, Electrical Engineering or similar areas.

Our Offer

This is a unique opportunity to interact with experts on security and JavaScript Web Applications development and significantly advance your knowledge in this very attractive and competitive area.

This work will be carried out within a collaboration project between recognized experts from a higher education institution and in an industry-leading company working in this area.

Application

Please send your application including a motivation letter and a complete CV to: nap@isep.ipp.pt. We ask candidates to send your application as soon as possible, and no later than December 31, 2017.