



Topic Title: System management and monitoring of tenders

Subject Description: Management system and monitoring of tenders and consultation: from identifying the opportunity to project closure and final acceptance

Tasks to be carried out: Writing requirements specifications (working sessions with the commercial, financial and accounting department) ,Design, Development and Testing

Keywords: Symfony3, PHP 5, CSS, Angular Js

Required Education: Bac+5

Medical and professional insurance: to be provided by the university

Topic Title: Development of a platform “traveling together”

Description: Design and development of a platform to look for travel companions and help passengers to have some company and share the trip (train, flight..) (e.g., From business meetings, Accompanying the sick , etc.)

Tasks to be carried out:

Designing the solution

Development of a Web application

Development of a mobile solution (Android, ..)

Keywords: Java / JEE, Spring, Hibernate, Angular, HTML5, Android ,etc.

Required Education: Bac+5

Medical and professional insurance: to be provided by the university

Topic Title: Imitation of human movement by a humanoid robot through an onboard camera.

Description: This project consists in developing a method that allows the humanoid robot to imitate human's movements captured by a camera mounted on the robot. The application helps to generate models close to those of the human subject while ensuring robot stability.

Tasks to be carried out:

Modeling the humanoid robot.

Capture video streams through a camera.

Trajectories Generation.

Control of the humanoid robot.

Keywords: humanoid robot, control, camera, image processing

Required Education: Bac+5

Medical and professional insurance: to be provided by the university

