

# CAREER AS UNUSUAL

P3 develops new business models enabling our customer to gain future sources of income and accompanies them in building up their skills.

P3 supports and empowers customer organizations to build robust structures to operate sustainably and grow in the future.

P3 provides end-to-end solutions in the field of security consulting and guarantees a seamless service and product rollout.

## SINGLE BOARD COMPUTER SW DEVELOPER

REF.NR. 3624 | LOCATION: ATHENS



### WHAT YOU'LL DO

- Together with other team members and project partners, you will work on one of our international research projects. The goal is to build a web application that interacts as a distributed system and networks various hardware-in-the-loop systems. In the future, the system will carry out software validations of individual ECU components with new software versions in a virtual network in order to guarantee the integrity of the overall system. The time behavior caused using the cloud is problematic. To counteract this, new web communication protocols need to be implemented and tested to simulate vehicle communication network over the web.

### WHO YOU ARE

- 3+ years of experience in the development of software on single board computers or microcontrollers
- BSc / MSc or similar in information technology, communication systems, electrical engineering, or a related subject
- Experience in the field of Domain Driven Design, Microservices and Self-Contained Systems
- Good programming skills in Python and C/C++
- Good knowledge in the usage of web development frameworks, i.e.: Django
- Knowledge in the behavior of vehicle network communication protocols, i.e.: CAN, LIN, SOME/IP
- Knowledge of single board computers and network communication system hardware
- Understanding of an agile work environment (Scrum and SAFe) & tools (i.e.: Atlassian Suite, Codebeamer, etc.)
- Understanding of CI/CD environment tools (i.e.: Git, Gitlab, Jenkins etc.)

### P3 BENEFITS



## JOIN US!

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