



WORK OFFER

Ref. No. AT-2020-6007VI

Employer Information

Employer: AIT Austrian Institute of Technology GmbH
Donau City Strasse 1

1220 Vienna
Austria

Website:
Location of placement: Vienna
Nearest airport: VIE,BTS
Working hours per week: 38.5
Working hours per day: 8.0

Number of employees: 1300

Business or products: autonomous research institute

Student Required

General Discipline: 11-COMPUTER AND INFORMATION SCIENCES

Completed years of study: 2

Field of Study:

Student status requirements: student status not required

Language required: English Good

Required Knowledge and Experiences:

- Experience with modern programming languages such as TypeScript JavaScript, Python or Java required (TypeScript, JavaScript preferred)
- Good understanding of Software Engineering
- Good understanding of the Internet (HTTP protocol, REST) telecommunications required
- Basic understanding of Internet security required

Other requirements:

- Team player who is willing to work in agile settings
- Organized and communicative mindset

Work Offered

Intern for Software Engineering, Architecture and Research in the field of public safety system interoperability, While digitization is ongoing, the system landscape in public safety sectors is fragmented. In response, AIT has built an infrastructure and communications solution that interconnects those isolated platforms and establishes a federated governance, message communication, addressing routing and access control for several use cases, es dispatch system interconnection control system and safety system data exchange, citizen warning and alerting

While many principles have been understood and the system has been built for complex topologies and governance structures many questions deserve further engineering answers, ..routing in very complex environments, ease of federated governance etc.

Joining our team as intern, you will work together with a team of researchers and engineers defining novel federated communication concepts and transferring them to practical results You will work hands-on in an agile research team structure and contribute your own ideas to further improve our solutions. You will receive advise and mentoring by our senior team members.

Number of weeks offered: 12 - 52

Working environment: Research and development

Within the months: 01-MAY-2020 - 31-MAY-2021

Gross pay: 1385 EUR / Month

Or within: -

Deduction to be expected: approx. 20%

Company closed within: -

Payment method / time of first payment: Bank Transfer /

Latest possible start date:

Accommodation

Canteen at work: No

Expected type of accommodation: Student dormitory

Estimated cost of lodging: 450 EUR / Month

Accommodation will be arranged by: Trainee with assistance of IAESTE

Estimated cost of living incl. lodging: 750 EUR / Month

Additional Information

Informational talk by IAESTE and/or employer

Nomination Information

Deadline for nomination: 01-MAR-2020

Date: 13-FEB-2020

On behalf of receiving country:

Mark Feichtinger