

## **Junior Researcher for European Projects – Fab Lab Barcelona**

The Institute for Advanced Architecture of Catalonia (IAAC) is a centre for research, education, production and outreach, with the mission of envisioning the future habitat of our society and building it in the present.

**Fab Lab Barcelona** is a think-and-make tank located inside the Institute for Advanced Architecture of Catalonia, in Barcelona. With a strategic focus on learning, research and making, we use digital fabrication to innovate responses to urgent societal challenges. Our primary mission is to enable cities and citizens with the tools and knowledge to be more resilient, sustainable and empowered through digital literacy in fabrication, computation, and communications.

It is currently developing projects in different scales, from smart devices for data collection by individuals (Smart Citizen), the development of the new generation of Fab Labs (Green Fab Lab project), to the new production models for cities with the Fab City Initiative.

*Fab Lab Barcelona is looking for a European Project Junior Researcher for deploying the Make Works platform.*

### **Main Responsibilities:**

**MAKE WORKS:** Support the development of Make Works regions' local actors and stakeholders advancing the idea of a platform ecosystem for distributed design and Fab Cities, mapping local ecosystems for circularity in cities.

**MAKE WORKS:** We are looking at social innovation, means of production, circularity and social entrepreneurship from the perspective of European maker movement and the creation of the POP-MACHINA Maker Academy, considering the context of Factories of the Future (FoF).

**MAKE WORKS:** Support the assessment and dissemination of the results of the activities within the scope (eg. such as in Maker Faires, conferences, and exhibitions)

**MAKE WORKS:** Support extending the focus of making (ordinarily from idea development to a project result) to the whole process of entrepreneurship.

**RESEARCH:** Support the dissemination of projects' content, and promote calls for papers and European projects, assess the academic and research staff and facilitate their participation in such calls.

**RESEARCH:** Support with content writing for European proposals (Horizon 2020, Creative Europe, and others).

**RESEARCH:** Autonomous, able to take on responsibilities and team participation, efficiently;

### **EU Project Specific:**

- Monitoring activities according to Make Works specific tasks within related European projects.

- Supporting on a wide range of topics with the support of the Make Works Team and its regions.
- Supporting researching and fundamental technical and design for emerging futures skills.
- Support guiding Make Works regions in taking projects from concept to reality.
- Supporting the Make Works regions' documentation of ideas, research and prototypes throughout the design process in Fab Cities.

### **General:**

- Organising skills in order to contribute with the project and team building development of Make Works.
- Entrepreneurship skills.
- Some experience in openframeworks; (Desirable: Programming skills).
- Some experience in Design and coding electronics skills.

### **Competencies (Experience, Knowledge and Skills):**

- Community Manager skills, empathy and proactive mindset.
- Experience in planning and running workshops, pilots and events.
- Experience in user-centred design and co-design processes, approaches and tools.
- Experience in Digital Fabrication tools.
- Experience in writing scientific publications.
- Former participant of the Fabacademy or the Master in Design for Emerging Futures course (desirable).

### **Specific Requirements:**

- An EU national, or with a working permit for Spain.
- Fluent in English. Spanish is a plus – other languages are a bonus.
- Fab Academy or MDEF graduated.

### **CONTRACT DETAILS**

1 year contract, to be renewed later.

Part time position (20 h week, from Monday to Friday) based in Barcelona.

Date of start: September 2019.

Salary: 9,000.00 per annum.

### **DEADLINE AND APPLICATIONS SUBMISSION**

The application period will close 5th September 2019.

Send your CV, Cover Letter and the documents required on the general basis to [secretary@iaac.net](mailto:secretary@iaac.net) with this subject: "JOB APPLICATION – JUNIOR RESEARCHER FOR EUROPEAN PROJECTS – Fab Lab Barcelona".