

Robotic Fabrication Technician Position

Who We Are

The Architectural Association School of Architecture is the UK's oldest and most prestigious independent school of architecture. The School offers graduate and undergraduate courses of study in architecture and, with students from more than 60 home countries taking part in the AA's full-time courses, is one of the world's leaders in architectural education. The AA Digital Prototyping Lab (DPL) has been created as one of four self-contained workshop spaces in the school. The Lab contains CNC, laser-cutting, 3D printing capabilities and a **NEW robotic fabrication room**, made available to all students for use in their coursework. The DPL takes part in 1 to 1 tutorials, Unit workshop, Visiting Schools and DPL 3 day workshops. With 2 full time members of staff and a group of student assistants the DPL is a dynamic, creative, fabrication environment.

The position

The Digital Prototyping Lab is seeking a Robotic Fabrication Technician to mainly operate and maintain the RobotRoom whilst supervising and teaching students about robotic control. To aid lab staff in the supervision and teaching of the use of CNC milling, lasercutting and 3d printing technologies.. The lab currently includes three CNC machines which are mainly used for the production of architectural and landscape models in high-density modelling foam and small prototypes and furniture made out of MDF or plywood components. You will report to the Head of Digital Prototyping (Angel Lara) and collaborate with DPL staff and student assistants.

Who We Seek

Candidates should have hands on experience with robotic fabrication and coding languages to develop custom scripts for the operation of the robots. A good working knowledge of 3D and parametric modelling applications, including Rhino and Grasshopper is essential. A working knowledge of how to operate other digital fabrication technologies such as lasercutting, CNC milling and 3dprinting is strongly preferred. Experience with custom end effectors (Arduino and raspberry pi) is preferred. Experience and affinity with a creative teaching environment is essential, as improvisation is part of the daily routine. Previous teaching experience is not mandatory, but preferred. You should be creative, self-motivated and flexible, with an interest in contemporary design.

What We Offer

A great environment to work in and develop through research and cooperation. A full time 5 days a week position with a **£ 28,000.0** a year salary.

How to Apply

If you are interested in applying, please send a statement of interest and CV to lara-moreira@aaschool.ac.uk please name files with your name and include 'Digital Prototyping Lab Robotic Technician' in the subject of your email. Short-listed candidates will be contacted to attend an interview.

Closing Date

January 1st. The Architectural Association School of Architecture has an equal opportunities policy applicable to all vacancies.

Starting date

February 2015.