



Careers at 7thSense

Graduate Electronics Engineer

Who is 7thSense?

7thSense Design Ltd is a privately owned creative software and technology solutions company with offices in Sussex, Detroit and Orlando. Established in 2004, we specialise in advanced Media Serving for markets such as Theme Parks, Planetaria, Live Events, 3D Entertainment Theatres and Visitor Attractions.

With our in-house developed Delta™ Media Server solution, we've sold over 3000 servers worldwide to a variety of prestigious facilities. These include a lot of the big-name Theme Parks, many famous Museums, Digital Planetariums, 3D Theatres, UK airports, Live Events and more. We also have a big customer base in the Digital Signage and Live Events market.

About the Role | Who are we looking for?

Due to our increasing success and growth, we're growing our team of enthusiastic experts. We are recruiting a Graduate Electronics Engineer to join our engineering team.

- The successful candidate will join our hardware development team working on **Delta Media Server** hardware platforms and other hardware development and test activities.
- The successful applicant will gain a wide range of experience with an initial focus on hardware testing (80%) and product development activities (20%) at the start of employment. Transitioning to 20% testing and 80% product development activities over a 2 year period.
- The successful candidate will be mentored by more experienced members of the team and is expected to become an expert hardware development engineer over an initial 2 year period.
- A significant part of the development role will be working on our FPGA based products utilising Xilinx FPGA's for video processing tasks. The role will include the development of code (Verilog) using Xilinx Vivado. The expectation is that the skills necessary for this will be learnt whilst at 7thSense Design.
- Be proficient in analysing results and making valid conclusions for consumption at all levels of the company
- Work with component manufacturers throughout the testing process and provide support to identify product performance improvements.
- Provide support to software developers, marketing and sales departments, systems engineers and other team members in the context of hardware testing
- Maintain adequate test hardware and equipment to facilitate rapid testing as required. You will also be responsible for loaned hardware under test for the duration of testing for ensuring it is returned within the loan period
- You have excellent communication skills. You know how to present information in a clear and concise manner that is easily digestible.
- Great attention to detail and strives to achieve perfect results through well thought out actions and a structured approach to working.
- Suggesting improvements based on your own experience and customer feedback is a natural part of this role also and is something we encourage as a business.
- You will be expected to work on a varied range of tasks as required to support the overall objectives of the department and team



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- The candidate should be comfortable working alone or as part of a small team, and there may be some limited travel involved to customer sites both in the UK and abroad. This will include assisting in tasks such as end-user training and sales and demo support.

Mandatory Technical Skills and Experience | The 'Must-Have's

Candidates must have experience in the following areas:

- University degree in Electronic Engineering or equivalent
- 12 months experience in a work place setting, either during a sandwich year or after graduation
- Experience of computer hardware and computer assembly
- A keen interest to learn
- Experience of PC hardware fault finding
- Valid Passport
- Driving Licence

Additional Useful Skills | The 'Helpful to Haves'

- Experience of embedded microprocessor systems
- Experience of FPGA development
- Knowledge of video products and systems
- Understanding of modern software development techniques and standards
- Excellent interpersonal and team-working skills
- Demonstrate flexibility both in working hours and project activities

Location

7thSense UK Head Office

2, The Courtyard, Shoreham Road, Upper Beeding, West Sussex BN44 3TN

For more information, please contact us on:

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