



VACANCY: FPGA Design Engineer

- **Requirements** Engineering degree (Expected grade 2:1 or above) or relevant experience. Some experience of implementing designs in FPGAs using Verilog, VHDL or a similar hardware description language.
- **Useful Skills** Familiarity with technologies such as microcontrollers and DSPs. Experience of digital video processing using FPGAs. Assembler or embedded firmware programming. Interest in (and knowledge of) video or stage lighting.
- **Starting Date** Vacancies immediately and from summer 2012.
- **Salary** Competitive salary. Potential for performance-related bonuses.

Company Description

Carallon is a London based product development company specialising in industrial hardware and software design of control systems for the entertainment industry, encompassing lighting, video and motion control.

Projects our team develops and manufactures include the innovative Pharos Architectural Controls range of products used in theme parks and architectural installations worldwide (<http://www.pharoscontrols.com>) and the Martin Professional P3-100 LED Video Wall processor (<http://www.martin.com/product/product.asp?product=P3100>).

The Position

The successful candidate will be working on projects using FPGAs for a range of exciting cutting-edge applications, including real-time processing of high definition video. Complete FPGA configurations will be created from scratch using a mixture of IP blocks such as soft-core processors, high speed memory interfaces and high speed serial transceivers, as well as a diverse range of application-specific processing blocks that will require custom design and implementation.

Candidates should be able to manage their own time as they will have individual responsibility for their work from concept to completion, working independently but under the guidance of a senior engineer. This position is best suited to those with some prior experience of FPGA design, with additional training to be provided where necessary.

Our development team is close-knit and highly motivated with a keen interest in the products it creates. Candidates should be similarly interested in the work involved and be prepared for a fairly intense experience as we bring original and ground-breaking products to market. The company's close ties to the entertainment industry bring a variety of benefits and we offer a very friendly, flexible and supportive working environment.

To Apply

Please write enclosing a full CV to:
Alex Drofiak,
Carallon Limited,
Shepherds Building,
Rockley Road,
London.
W14 0DA

or email an application to careers@carallon.com.