



## Large Scale FPGA Internship

You are a talent with strive for knowledge and experience in an environment of proven professionals? You want to be mentored by engineers that are experts in their fields? You wish to join other interns and have the foundation for sustainable and long lasting development in our company?

With this internship you will join Antelope Audio in a highly visible role as you will be at the center of a SoC design effort helping Digital Engineers verify and build a design with a critical impact on Antelope's customers. You will get hands-on experience in special test and timing closure techniques that allows advanced FPGA designs to become successful products.

Antelope Audio designs, manufactures and markets professional digital audio equipment. The company has been steadily growing and at this point we are looking for interns to join our R&D team working on the new generation of advanced digital audio hardware. Our clients include Warner Brothers, Universal Studios, Sony Music and stars like Rihanna, Jay-Z, Korn, Dusty Kid, Wu Tang and Andrea Bocelli. Our Rubidium Atomic Master clock generator has been extensively used to produce the soundtrack of Avatar.

### **In this exciting role, your Responsibilities and Personal benefits will include:**

- ⑩ Learning how to make microcontrollers
- ⑩ Having one in a life time opportunity to create state of the art designs
- ⑩ Having the freedom to own and manage real time projects from day one
- ⑩ As an FPGA intern, you will have responsibilities spanning all aspects of SoC design
- ⑩ Full chip and block level timing closure ownership throughout the entire project cycle

Antelope Audio's people are committed to tackling the toughest challenges in the audio industry. We are different from most technology companies. The R&D brain trust we operate creates lasting impact in diverse fields of today's music scene. We're making a difference every day—working for quality and more sustainable purity of sound!

Our workplace reflects our values. We want you to come as an intern and then join us upon completing your degree so that you can experience the gratifying work, our competitive benefits, exceptional professional development opportunities and a culture of innovation that embraces diversity, inclusion, flexibility, collaboration, and career growth.

### **Highlights:**

- ⑩ Working with a cross-disciplinary team of similarly bright and motivated engineers on a diversity of projects all at once
- ⑩ A supportive culture of learning, professional growth, and development

## Qualifications

We are interested in highly motivated candidates with a wide variety of skills, insatiable curiosity, enthusiasm and the ability and interest to dig deep on challenging technical problems.

### Required Qualifications:

- ⑩ Intermediate Knowledge of Verilog or VHDL
- ⑩ Willingness to learn FPGA timing constraints generation and timing closure
- ⑩ Familiarity with FPGA synthesis, build and programming tools
- ⑩ Strong communication skills
- ⑩ Self starter and highly motivated

If you are a "self starter" that possesses the aforementioned qualities, we would love to hear from you. To apply for this position please send us your CV at [hr@antelopeaudio.com](mailto:hr@antelopeaudio.com).

All inquiries are strictly confidential. Only shortlisted applicants will be contacted.

Work locations: Sofia, 1164

Job: Student

Payment: Paid internship (up to 1.200 BGN net)

Social benefits package: Yes