

Client AI (Movidius) Internships Job Description

Client AI (Movidius) group specializes in design of high-performance, ultra-low power Neural network IP technology for advanced AI applications. Step inside our world and you'll find one brilliant mind after another working together in a spirit of collaboration that is simply contagious. And through this shared dedication, a culture of innovation and exploration, we do more than deliver the latest technologies. We deliver the future. And this is where you come in. We need innovators and proven communicators like you to push our thinking. We need your strong collaboration and organizational skills, as well as your ability to effectively work with and manage teams. You will help push us to the next level. Joining Client AI (Movidius) means joining a dynamic team at a company that has established a reputation for innovation.

Client AI (Movidius) has multiple Internships available in 2024 across all our hardware and software centric design teams. We have roles in the following teams:

Hardware focused roles:

- Physical design team - Physical layout, design and verification
- RTL Design team - Hardware IP design and verification
- Architecture team - Hardware Architecture design
- Verification team - Hardware IP verification and design qualification
- AI Applications team - Evaluate Neural network use cases

Software focused roles:

- Compiler team - **Developing an optimised compiler toolchain for the IP to deliver inference performance** though the OpenVino tool kit --> [Intel® Distribution of OpenVINO™ Toolkit](#)
- Dev Ops - IT and Operational services
- NPU Software - Developing software drivers and firmware for the IP
- Pre-Silicon Simulation team – IP Models and integrating them into virtual platforms.

Mixed SW/HW roles:

- Emulation team - Developing and validate pre silicon models on FPGA and emulation platforms.
- Design Automation - Infrastructure and automation

[Please indicate on your cover letter roles you would be interested in]

Specific technical activities will vary depending per team, with all internships working on our current cutting-edge NPU neural processor technology portfolio. A strong problem-solving mindset is needed to resolve issues in flows, in designs, in testcases, toolsets etc.

Qualifications

The candidate must be currently doing a Level 8 or Level 9 college course in Electronic Engineering, Computer Engineering, Computer Science or an equivalent course. You must also be available for six to eight months in 2024 with a preferred starting date between January and June.

Required Competencies

- Strong analytical & problem-solving skills.
- Self-motivated with ability to work independently and manage stakeholders.
- Excellent written and verbal communication skills.
- Demonstrated team dynamics / ability to work as part of a high performing team.
- Ability to deal with ambiguity in defining activities and direction.
- Good planning & organization skills.

What we offer

We give you opportunities to transform technology and create a better future, by delivering products that touch the lives of every person on earth. As a global leader in innovation and new technology, we foster a collaborative, supportive, and exciting environment-where the brightest minds in the world come together to achieve exceptional results.