

SPARK PROGRAMME

Learn. Build. Gain Experience. Launch Your Career.

Application deadline: 25 October 2026. Limited Spots. The programme is fully funded for selected participants.

About SPARK

SPARK (Semiconductor Pathways for AI Readiness & Knowledge) is a workforce-development programme by ChipMango in collaboration with MINICT and innovation ecosystem. It equips talents with practical, industry-relevant skills in semiconductor design, embedded systems and AI hardware.

[ChipMango](#) is a semiconductor technology company working across chip design services, intelligent hardware and engineering talent development, with operations across the United States, Europe and Africa.

SPARK is More Than Training but A Career Pathway

1 LEARN Industry-relevant technical skills	2 BUILD Hands-on chip design labs	3 UPSKILL With industry standard certification	4 GAIN EXPERIENCE Access internship opportunities with ChipMango and partner companies.
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Participants build their skills through structured learning and practical projects, and access industry-specific learning and certification pathways through Arm. Learners who demonstrate strong performance will have opportunities for internship placement within ChipMango's Chip Design Services unit and with selected partner companies working in chip design and related technical functions.

Who Should Apply?

Final-year students and recent graduates in Electrical Engineering, Electronics Engineering, Computer Engineering, Telecommunications Engineering, Mechatronics, Embedded Systems, Computer Science, Software Engineering and other relevant STEM fields with a strong interest in semiconductor technology.

Coming from Computer Science or Software Engineering? Here is a [guide](#) on how your skills can help you transition into chip design.

What You Will Learn

Key areas include: microelectronics fundamentals, computer architecture, Arm/VLSI fundamentals, digital chip verification and UVM, embedded systems, Edge AI, and practical engineering projects.

Programme Format

6 MONTHS Structured learning plus practical projects and applied learning.	HYBRID Primarily online, with periodic in-person workshops and monthly progress check-ins.	FULLY FUNDED No programme tuition cost for selected participants.
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Application & Selection

- Application link is accessible [here](#).
- Application deadline: 25 October 2026. Places are limited for each cohort.
- Applications are reviewed on a rolling basis, and shortlisted applicants will complete an aptitude assessment.
- Selection begins before the final deadline, so eligible applicants are strongly encouraged to apply as early as possible.

[Apply here](#)

For More Information

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