

United States Jobs Expertini®

Intern, Computer Architecture Engineer

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Company: Sunlune

Location: United States

Category: other-general

Objectives of this role Architecture R&D in AI LLM accelerator or zero-knowledge proof(ZKP) accelerator Responsibilities 1. simulator (GEM5) and chip design on AI LLM / zero-knowledge proof(ZKP) algorithm; 2. AI LLM/ZKP algorithm performance optimization

(algorithm/architecture/circuit level); 3. software deployment and performance analysis; 4. rtl coding, optimization and debug; 5. kernel algorithm coding (python/c/assembly); 6. toolchain analysis/porting/optimization. Qualifications 1. EE or CS and some other related major; 2.

Good cooperation, communication and research ability. About Sunlune Sunlune stands as a globally renowned leader in high-end computing chip technology, with over five years of specialization in the crypto sector. We are the only corporation worldwide that has mastered the intricate art of developing chips for ETC (formerly ETH), BTC, and the groundbreaking ZKP (Zero Knowledge Proof). These technologies, vital to the crypto ecosystem, require distinct and advanced methodologies. Moreover, our passion propels us to dive into the realm of Generative AI Applications, where Sunlune is set to illuminate the future with our cutting-edge ASICs. At Sunlune, we have pushed the boundaries of technology to deliver unparalleled performance across various crypto domains via: ETC Solutions: Our proprietary high-bandwidth technology is crafted through an avant-garde hybrid-bonding 3D chip design, setting industry benchmarks BTC Innovations: We have optimized extreme low-power technology through near-threshold voltage IC design, ensuring efficiency without compromising performance ZKP Advancements: Our team has pioneered a cutting-edge general-purpose architecture specifically tailored for Zero Knowledge Proof processors We have built the top foundry supply chains in the industry, including TSMC and Intel Foundry

Service. Sunlune is the only crypto partner of Intel to design BTC chips based on the most advanced GAAFET 2nm process node. Given Sunlune's proven success in the Crypto industry, we are now venturing into furnishing ASIC chips to propel the frontiers of Generative AI applications. Our distinction lies in the synthesis of three pivotal technologies: high throughput, commanding computational powers, and astute power efficiency. This exceptional triad not only fuels our current achievements but also positions us to pioneer the development and mass production of AI ASICs, a vital contribution to the expanse of the AI domain. Our endeavors span from groundbreaking research and development to the production and sales of state-of-the-art integrated computing power chips. We're not just meeting the needs of today; we're crafting the future, offering unparalleled computing solutions to our global clientele, and spearheading the transformative wave of Web 3.0 and the AI domain. Join Sunlune and shape the future of cryptocurrency and Web 3.0. Pay range for the intern: 16 USD - 55 USD. All qualified applicants will receive consideration for employment without regard to race, color, religion, religious creed, sex, national origin, ancestry, age, physical or mental disability, medical condition, genetic information, military and veteran status, marital status, pregnancy, gender, gender expression, gender identity, sexual orientation, or any other characteristic protected by local law, regulation, or ordinance.

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