



## ABOUT (<https://architectchips.com/>)

Each leap forward in silicon has launched a new chapter in tech history. However, chips take years to design, requiring precise, tedious, time-consuming work from idea to tapeout. If nothing changes, the chip industry will collapse under the pace and pressure of modern software.

Architect is an AI agent and editor workflow that makes hardware engineers 10x more productive (*think: Cursor for hardware*), accelerating the semiconductor industry.

- Architect has already helped design a chip beating NVIDIA's Jetson on performance.
- Within a week, we are in pilot deployment with early-stage chip startups, and working with multi-million dollar IP.

## TIMELINE

**Short-term (~3–5 months):** Looking to raise \$500k. We're close to convincing Deepmind/OpenAI ML researchers and NVIDIA/Tesla silicon designers to join; this capital will help us build a world-class team.

Our product will be polished by August at which we plan to raise a large seed — similar firm Cognichip just raised a \$33M seed, though they are much slower moving.

**Future mission:** Scale out Architect to new-era chip companies (Etched, OpenAI, Lightmatter) while convincing the slow-moving giants (Apple, Intel, Synopsys) to join us or fall behind. One day, we'll use our own agents to build the best chips in the world.

## ABOUT US ([contact@architectchips.com](mailto:contact@architectchips.com))

**Ebrahim Hussain**, (<https://designbyebrahim.com/>):

- started university at 15, now 19 in the final year of Engineering Physics at UBC.
- designed chips at Apple, Tesla, now researcher at Stanford.

**Thierry Tambe**, co-founder (<https://thierrytambe.com/>):

- Stanford EECS Professor, previously at Harvard, NVIDIA, Intel.
- actively researching and accelerating hardware–software co-design.