



**CHIEF SCIENTIST**

**Montreal Based**

**Full time**

**About the HaiLa:**

HaiLa is a Canadian fabless semiconductor IP startup headquartered in Montreal, Quebec with an R&D group in Copenhagen, Denmark and a sales and support division in Silicon Valley. Founded in 2017, HaiLa's mission is to enable the widespread adoption of IoT by reducing the power and cost of IoT deployment by leveraging backscatter communication over existing WiFi infrastructure.

HaiLa is building for the future; a world with billions of battery-free sensors that monitor machines, living spaces, and environments to help decision makers reduce waste and increase efficiency. We envision a world where sensors can last forever and we are dedicated to bringing this vision to reality.

By pioneering the adoption of our patented Radioless™ technology, HaiLa is positioned to become the world leader in IP WiFi licensing, enabling every industry to leverage this sustainable technology to globally reduce our carbon footprint.

## **About the position:**

We are looking to hire a Chief Scientist to pioneer our research in low power IoT. This position will be responsible for the vision of technological competitiveness in the field of Radioless Backscatter Communication technology. Expanding HaiLa's technical roadmap while building key technological breakpoints and value propositions will be paramount as Chief Scientist at HaiLa Technologies.

## **Qualifications:**

- PhD in electrical engineering, computer science, wireless communications or similar
- Broad knowledge of the networking, wireless and IoT space including IEEE networking protocols
- Proven track record as an expert in the wireless communications space
- Proven leadership as a technical manager for a Research team
- A deep expertise in WiFi, IoT sensors and the integration of our technology in these ecosystems
- Ability to work independently in a dynamic fast-paced environment and to constantly innovate our technology
- Recent hand-on experience in using the Microsoft Office suite for the development of technical documents and presentation material
- Excellent communication skills in English – oral and written
- Modeling experience using MathLab, Python, JupyterLab for network simulation

HaiLa was created at TandemLaunch, a premier venture studio focused on deep technology startups built around university innovation. Additional financing for our \$5M seed round came from industrial IoT investors Chrysalix and Ecofuel. Our team is composed of passionate entrepreneurs with a track record of building successful semiconductor and IoT companies. The ideal candidate

would be able to maintain a physical presence in Montreal but candidates from the other locations could be considered. Compensation for this role will be based on competitive startup terms with emphasis on meaningful early stage equity grants.

We would love to hear from you Please apply on our website or send e-mail at [jobs@haila.io](mailto:jobs@haila.io)

HaiLa is also committed to compliance with all fair employment practices regarding citizenship and immigration status.