



**Job description:**  
**RF hardware engineer**

**About the company:**

goTenna is a Brooklyn-based startup building products that enable completely decentralized communication. We've started with a device that wirelessly pairs with your smartphone and lets you communicate with friends even when you have no cell or data service. goTenna aims to become a part of everyone's technology essentials, reducing our reliance on cell towers and wi-fi routers, and providing users the ability to create a network on their terms, anywhere in the world, free from charges or fees. We care a ton about what we're building — from both philosophical and technological perspectives — and our team is a scrappy group (7 FT), armed with a round of venture capital from some really nice folks (incl. [Collaborative Fund](#), [Bloomberg Beta](#), [Brooklyn Bridge](#), [MentorTech](#)) as well as seven-figures in pre-order sales we're fulfilling imminently. Our office is stocked with snacks and friendly, smart people who like teaching and learning from each other.

**About the role:**

We're set to ship our award-winning first product this summer, so now is a great opportunity to get in on the relative ground floor on RF hardware engineering. As we have an exciting, multi-pronged development pipeline moving forward, this position requires demonstrated ability to independently take a complete radio design from concept through high-volume production.

**Experience/skills required:**

- RF system design and budgeting, including complete receive and transmit chain gain and dynamic range optimization
- Circuit design of systems
- Practical working knowledge of:
  - Control loops for PLLs, power control & power supplies
  - Antennae
  - EMI/EMC/ESD design
  - Filtering
- Familiarity with printed circuit layout design and ability to provide layout support\*
  - Extensive direct layout experience not required, although some is necessary
- Testing for both design qualification and production
- Troubleshooting in a spartan lab environment
- Exceptional communication skills and the ability to effectively express the consequences of design decisions to non-experts

**Desirable attributes:**

- Expertise in circuit layout design\*
- Experience with very low-power design
- Experience in signal processing (analog or digital)
- Experience in the development of low-cost consumer electronics
- Familiarity associated electronics disciplines, such as: microprocessors, power supplies, software, firmware, etc.

*This is a full-time position based in Brooklyn, reporting to the CTO. Compensation package includes: annual salary, equity, benefits (100% of premiums covered), a \$1,500 technology stipend, and a month of holidays and PTO each year.*

**To apply, please write to [jobs@gotenna.com](mailto:jobs@gotenna.com) with the subject "Hardware". We are hiring immediately.v**