

**RF Engineer** sought by RadiaBeam Technologies, LLC in Santa Monica, CA (Los Angeles County).

**Duties:** Perform the full cycle of radiofrequency (RF) design from numerical simulations to fabrication. Participate in RF component fabrication and mechanical tuning. Process and analyze experimental and simulation data. Perform measurements of different RF components (passive and active) in the frequency range from 1 MHz to 1 THz. Work with high-voltage and high-power components. Maintain, operate, and characterize high-power RF sources, such as magnetrons and klystrons. Assist with the professional development of junior engineers and technicians.

**Requirements:** Master's degree or equivalent in Electrical Engineering, Physics, Engineering Physics or a related field, plus one (1) year of engineering, research or related experience working with radiofrequency technologies and superconducting technologies for accelerator applications; performing experiments at cryogenic temperatures; developing computational models; performing CST Microwave Studio simulations to design particle accelerator components; developing algorithms in Python to process and analyze experimental and simulation data; documenting research findings via reports, meetings, presentations, conferences, and publications.

**Salary:** \$101,254/year

Send resume to: Salime Boucher, CEO, 1735 Stewart Street, Suite A, Santa Monica, CA 90404; via email: [boucher@radiabeam.com](mailto:boucher@radiabeam.com)

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**GUIDANCE:** Please ensure these entries of the Job Order are filled in as shown, if applicable:

<b>Job Title:</b>	<b>RF Engineer</b>
<b>Experience Required:</b>	<b>1 year (12 months)</b>
<b>Training Required:</b>	<b>N/A</b>
<b>Education Required:</b>	<b>Master's degree or equivalent in Electrical Engineering, Physics, Engineering Physics or a related field</b>
<b>Number of Openings:</b>	<b>1</b>
<b>Job Listing Start Date:</b>	<b>Start of posting</b>
<b>Job Listing Close Date:</b>	<b>32 days from start of posting</b>
<b>Rate of Pay:</b>	<b>\$101,254/year</b>
<b>Job Duties:</b>	<b>Please copy and paste <u>Duties &amp; Requirements</u>, noted above.</b>