

(Princeton, NJ) Research Physicist, Atomic-Molecular-Optical (AMO) Physics
Requirements: PhD in AMO Physics or Applied Physics

Link: https://sjobs.brassring.com/TGnewUI/Search/Home/Home?partnerid=25653&siteid=5696#jobDetails=4001482_5696

We're looking for an AMO physicist to work in our Princeton office on upcoming DARPA and internally funded AMO programs. All the work in the near term will be in the areas of quantum sensing, communications, and metrology. The work is very applications oriented, so they'll be working on developing sensors, and also interfacing with photonics folks, so they'll get to learn about things like silicon photonics and chip-scale devices, in addition to standard AMO work.

(Princeton, NJ) Research Engineer, Optical & Electrical Test-and-Measurement
Requirements: B.S. or M.S. in Physics, Applied Physics, or EE

Link: https://sjobs.brassring.com/TGnewUI/Search/Home/Home?partnerid=25653&siteid=5696#jobDetails=4008702_5696

We're looking for an experimental physicist or engineer with B.S. or M.S. and good lab experience with things like optics, lasers, semiconductors, materials, etc. Doesn't have to be all of these things - they need to be good in the lab. The position is to support ongoing R&D in AMO physics, but also semiconductor work, fab stuff, etc. Wide variety of R&D going on that needs support. -

(Princeton, NJ) Research Scientist - Semiconductor Device Physics
Requirements: PhD in Physics, Applied Physics, or EE

Link: <https://sjobs.brassring.com/TGnewUI/Search/home/HomeWithPreLoad?partnerid=25653&siteid=5696&PageType=JobDetails&jobid=4000718>

We're looking for an experimental physicist or engineer (PhD. required) to work on projects that involve the development and characterization of photonic devices intended to enable future system solutions across a variety of domains, including NIR-SWIR photodetection/imaging, RF-photonics, novel sensing, high-bandwidth chip-to-chip datalinks, quantum information sciences and advanced PNT applications.

(Princeton, NJ) Research Engineer – Semiconductor Device Fabrication
Requirements: B.S. or M.S. in Physics, Applied Physics, or EE

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We're looking for an experimental physicist or engineer with B.S. or M.S. and good lab experience in a semiconductor fab, or related areas. The position will support multiple ongoing semiconductor R&D programs.

(Princeton, NJ) Research Scientist – Hardware Security

Requirements: PhD in Physics, Applied Physics, or EE

Link: <https://sjobs.brassring.com/TGnewUI/Search/home/HomeWithPreLoad?partnerid=25653&siteid=5696&PageType=JobDetails&jobid=4001486>

We're looking for a research engineer or physicist with deep digital systems hardware knowledge, including things like deep knowledge of principles of electrical engineering, especially electronic materials and devices; familiarity with reverse-engineering hardware, software, and firmware; experience in designing, analyzing and testing mixed-signal electronic circuits; knowledge of electromagnetics, and familiarity with RF and / or optics; and strong numerical and analytical modeling skills. This is a unique position that will enable a candidate to apply their deep knowledge of digital systems to some real-world problems.