Lockheed Martin
Job ID: 499859BR

Sep 21, 2019

Dear Team Hiring Manager,

As a motivated technologist, I am interested in joining your team as a Software Engineer to help protect our nation. I would like to apply for position ID 499859BR.

I am currently a post-doctoral scholar at the University of California, Berkeley with expertise in software development and computational physics simulations working in the area of particle/nuclear physics.

With regard to my ability to meet specific requirements of this job:

- **Education:** PhD in experimental physics (2016) with emphasis on physics computer simulations and algorithm software development in C++/Python for novel particle detection technologies.
- **Ability to obtain security clearance:** US citizen.
- **Analysis and mathematical skills:** 8 years of experience working on large data-set analyses using statistical analysis tools in Python/ROOT. Double BS degree in Mathematics/Physics.
- **Leadership and ability to self-direct:** Spearheaded novel 3-D topological event reconstruction and particle identification algorithms in C++ at the University of Hawaii. Algorithm evaluated and confirmed using real data. Mentored undergraduate to PhD level students at UC Berkeley, UCLA in C++ software simulation development.
- **Experience in C++/Matlab:** 8 years of experience developing code in C++. Some experience writing data analysis/machine learning code in Matlab.
- **Oral and written communication skill:** Oral presentations given at institutions such as Lawrence Livermore National Laboratory, Los Alamos National Laboratory, Argonne National Laboratory. Contributed work published in various journals.

I would appreciate an opportunity to meet and discuss my application at an interview. I have also sent my resume for your consideration. Please feel free to let me know if you have any questions.

Thank you for your time,

Michinari Sakai

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