ILLINOIS.

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Lab Recruitment team   Jan 29, 2020
Oak Ridge National Lab
Oak Ridge, TN
US, 37831

To whom it may concern,

My name is Greg Westphal and I graduated from the University of Illinois at Urbana-Champaign this December with a M.S. in Nuclear Engineering. The description provided for Research and Development Associate Safeguards and Security Systems Engineer Scientist (2488) strongly matches my experience modeling nonproliferation in nuclear fuel cycles. As such, I am highly interested in joining your team.

In my work as a graduate student at UIUC I developed skills in software development, nonproliferation, and communication through the following:

○ Receiving NDA training through the SEE LANL safeguards course.

○ Working in a **version control** environment.

○ Contributing to the **Cyclus development cycle**.

○ Modeling a pyroprocessing facility using **C++** in Cyclus.

○ Using **diversion detection** algorithms in python and C++.

○ Presenting at multiple conferences and technical workshops, including a **Finalist Poster Presentation award**.

In addition, I have demonstrated problem solving skills by developing and maintaining a complex reprocessing model. I believe my experience in nuclear software development and reprocessing will be well suited for this group.

Thank you for taking the time to read my application and for your consideration. Further details can be found in my attached resume and I can be reached at gtw2@illinois.edu or on my phone, 636-284-9691. I look forward to hearing back about this opportunity.

Sincerely,

Greg Westphal
Attached: curriculum vitæ