Dear Sir / Madam,

I have applied for the role of Senior Software Engineer. My technical and leadership experience makes me an ideal candidate for the position. Furthermore, I have worked in a few top-notch firms (Intel, Microsoft), where I led & shipped in record time, critical features for popular products (Tiger Lake processors, Microsoft Teams, Yammer, Live Profile Card, Faster video streaming (transcoding) by GPU, CI/CD development, Backend development, frontend development, Big data, infrastructure development (docker), and Audio Description project). Furthermore, I have made significant contributions to popular open-source projects. Furthermore, I have developed strong skills in Distributed systems, Privacy (cryptography), database management, authentication / authorization patterns (OAuth, SAML, JWT), machine learning, data mining, network programming, and information visualization

I also performed extensive independent research into Distributed Computing, resulting in multiple projects (

https://kenluck2001.github.io/blog_post/distributed_computing_from_first_principles.html

) and authoring a textbook on Distributed Systems titled "Distributed Computing from First Principles" (

https://kenluck2001.github.io/blog_post/authoring_a_new_book_on_distributed_computing.html

). My research into practical cryptography is available in a blog post (

https://kenluck2001.github.io/blog_post/probing_real-world_cryptosystems.html

). These experiences have led me to develop strong programming abilities.

My solo-authored papers that are focused on privacy / authentication are as follows:

K Odoh, Group-wise K-anonymity meets (,) Differentially Privacy Scheme. Proceedings of the International World Wide Web Conference (WWW) (

https://dl.acm.org/doi/10.1145/3589335.3651517

), (

https://kenluck2001.github.io/static/publications/kenneth-odoh-knn-dp.pdf

), 2024.

K Odoh, Connect the dots: Dataset Condensation, Differential Privacy, & Adversarial Uncertainty, (

https://arxiv.org/pdf/2402.10423.pdf

), 2024.

K Odoh, Tortoise: An Authenticated Encryption Scheme, (

https://arxiv.org/pdf/2309.05769.pdf

), 2023.

My bio, publications, blogs, projects, and technical talks can be found at (

https://kenluck2001.github.io/

). I have served as a reviewer at prestigious conferences (ICLR, WWW, PoPETS, and ICML) and judged multiple science fairs. Finally, I am a member of several Internet Engineering Task Force committees for creating privacy standards. I am looking forward to a positive response.

Open Source Contributions:

https://kenluck2001.github.io/projects

Blogging:

https://kenluck2001.github.io/blogs/1

Publications:

https://kenluck2001.github.io/publications

With Regards,

Kenneth Odoh