



Department of Chemical, Biological, and Materials Engineering
College of Engineering
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URL: [Simmons Research Group](#)

Dear Atomwise Hiring Team,

April 11, 2025

I'm writing to express my interest in the **Cheminformatics Scientist** role at **Atomwise**. With 11 years of experience developing atomistic simulations, custom analysis pipelines, and high-throughput modeling workflows, I bring a computational foundation that's both rigorous and adaptable – qualities I believe are essential for driving innovation in AI-powered drug discovery.

While I come from a polymer modeling background, many of the core challenges in cheminformatics for drug discovery – structure–property prediction, simulation scalability, and reproducibility – are exactly where I've focused my career. From building Monte Carlo codes in C++/CUDA that are still in use, to analyzing >50TB datasets with custom Python pipelines, my work consistently balances software development with scientific impact. I've also led mentoring initiatives, contributed to multi-lab collaborations, and recently began integrating cheminformatics tools (e.g., RDKit) into my research.

What excites me most about Atomwise is your commitment to pushing the boundaries of drug-gability through deep learning and novel chemical matter. I thrive in fast-paced, interdisciplinary teams, and I'm eager to apply my skills toward building the infrastructure and models that make transformative therapeutics possible.

Thank you for considering my application. I'd be excited to discuss how my background and growth mindset can contribute to Atomwise's mission.

Kind regards,

A handwritten signature in black ink, appearing to read 'P. Kawak'.

Pierre Kawak, Ph.D.

Postdoctoral Scholar

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President, Postdoctoral Scholar Association

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