



Department of Chemical, Biological, and Materials Engineering  
College of Engineering  
University of South Florida  
3802 Spectrum Boulevard, BPB213  
Tampa, FL 33612  
**URL:** [Simmons Research Group](#)

Dear Schrödinger Hiring Team,

April 7, 2025

I'm writing to express my strong interest in the **Scientific Python Developer** position at Schrödinger. With a background that bridges scientific discovery and high-performance software development, I'm excited about the opportunity to contribute to your mission of improving human health and quality of life.

Over the past 11+ years, I've developed modular, collaborative Python, bash, and C++ tools for molecular simulation, job automation, and data analysis—targeted to solve complex materials problems inaccessible by traditional means. This includes building two object-oriented Monte Carlo simulation codes from scratch, optimizing large-scale workflows across HPC clusters, and mentoring diverse research teams through scientific and technical challenges.

What excites me most about this opportunity is the alignment between Schrödinger's platform and my passion for building clean, maintainable scientific software with real-world impact. I'm eager to contribute to your products, grow within your interdisciplinary environment, and work toward breakthroughs in drug discovery that translate science into better health outcomes.

Thank you for considering my application. I would be thrilled to bring my energy, experience, and curiosity to the Schrödinger team, and I look forward to the chance to connect further.

Kind regards,

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

**Pierre Kawak, Ph.D.**

**Postdoctoral Scholar**

Chemical, Biological and Materials Engineering

**President**, Postdoctoral Scholar Association

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