

UF Information Technology Hiring Team

July 18, 2025

UNIVERSITY OF FLORIDA
GAINESVILLE, FL 32611

Job Application for AI Support Engineer

Dear UFIT Hiring Team,

I am thrilled to apply for the AI Support Engineer position within UF Information Technology's Research Computing unit. As a Ph.D. candidate in Operations Research at Florida Tech with a strong background in AI/ML research and development, I am confident I have the skills and experience to make a significant impact in this role.

What attracts me most to this opportunity is the chance to support UF's innovative researchers across diverse domains by developing efficient workflows and solutions on the powerful HiPerGator supercomputer. I am excited by the prospect of collaborating with the UFIT team to design new features and services that meet researchers' evolving needs. Some key strengths I would bring to this role include:

- Extensive experience with Linux distributions (CentOS, Ubuntu), Python programming, and AI/ML frameworks
- Hands-on knowledge of SLURM scheduling, having utilized FIT's SLURM HPC cluster extensively for research
- Proven ability to thrive in fast-paced, collaborative environments and effectively communicate technical concepts to diverse audiences, as demonstrated during my Truveta internships
- Strong problem-solving and workflow optimization skills, exemplified by my work on scalable NER pipelines that led to \$2M in annual cloud cost savings at Truveta

I am particularly eager to apply my background in advanced AI research - spanning satellite 3D reconstruction, suicide prevention, and deep reinforcement learning - to support UF's groundbreaking projects. The opportunity to work with world-class faculty, students, and collaborators to solve real-world challenges is incredibly energizing.

I believe my technical skills, passion for AI innovation, and drive to support research excellence make me a strong fit for this role. I would welcome the chance to further discuss how I could contribute to UFIT's mission of empowering UF's research community.

Thank you for considering my application. I look forward to the possibility of joining the UFIT team and advancing UF's remarkable research and education efforts.

Best regards,

Van Minh Nguyen