

## Company Recruitment Team

July 20, 2025

GOOGLE INC.

1600 AMPHITHEATRE PARKWAY

MOUNTAIN VIEW, CA 94043

## Job Application for Software Engineer

Dear Mr./Ms./Dr. LastName,

Dear Hiring Manager, I am writing to express my strong interest in joining your team as an AI Support Engineer. With a Ph.D. in Operations Research from Florida Tech and extensive experience in AI/ML research and development, I believe I would be a valuable asset to your organization. Throughout my academic and professional journey, I have honed my skills in Python, C++, and various Linux distributions, as well as big data and cloud platforms like Spark, Azure, and Kubernetes. I have a proven track record of thriving in fast-paced, collaborative environments and delivering impactful projects that align with stakeholder needs. Some key highlights of my experience include:

Initiating and implementing an on-premise Kubernetes server cluster for the Neural Transmissions Lab at FIT  
Developing scalable Named Entity Recognition (NER) pipelines and optimizing cloud infrastructure costs during my internship at Truveta, resulting in \$2M annual savings  
Conducting cutting-edge research in satellite 3D reconstruction, suicide prevention, and deep reinforcement learning for robotics

I am excited about the opportunity to bring my technical expertise, problem-solving skills, and passion for AI to your team. I believe my background in both research and industry settings has prepared me well to contribute to your organization's mission and success. Thank you for your consideration. I look forward to the possibility of further discussing my qualifications and how I can contribute to your team.

Sincerely,

**Van Minh Nguyen**