Contact

www.linkedin.com/in/nam-nguyen-76357417a (LinkedIn)

Top Skills

CUDA

TensorRT, Gstreamer - Nvidia Deepstream, Intel DlStreamer, Embedded Linux, C/C++ Compiler

Android Development

Certifications

Introduction to Concurrent Programming with GPUs

Introduction to Parallel Programming with CUDA

Nam Nguyen

AI Software Engineer
Vietnam

Summary

Building a streaming data processing system to serve computer vision problems, such as analyzing traffic and pedestrian movements in smart cities, monitoring health and safety in hospitals, self-checkout and analysis in retail, detecting component errors in manufacturing facilities, and other similar solutions

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Experience

VinBigData
AI Software Engineer
October 2021 - Present (3 years 6 months)
Hanoi Capital Region

Develop AI modules to address various security surveillance problems such as: Detecting blacklistsed faces, Identifying Unknow Individuals, Parking Violations, Running Red Lights, Wall Climbing, Loitering... I work on two main directions: server-based solutions and camera-base solutions

Researched and developed some modern technology such as: Nvidia Deepstream, Intel Dlstreamer and AMD Xilinx Vvas, Vitis AI,... to build solutions utilizing AI servers
Researched and developed Camera System on Chips techonology with interged AI with lower cost and lower power
Optimized AI models with quantization, pruning, calibration, and hardware-specific optimizations such as: Nvidia, AMD, Ambarella...
Build AI pipelines optimized for resource utilization and throughput, ensuring security and long-term stability
Monitored and maintained the operation of active AI systems
Mentored AI interns, providing guidance and support in their research and development activities

IBM
Data Analyst
February 2021 - August 2021 (7 months)
Hanoi, Hanoi, Vietnam

I worked on customer data analysis to collect valuable insights and utilized IBM tools to create data processing pipelines. IBM Could Pak for Data.

EUP GROUP
Android Developer
February 2020 - September 2020 (8 months)
Hanoi, Hanoi, Vietnam

Develop OCR app. Auto recognize text

Education

SoICT, HUST
Engineer's degree, Computer Science · (2017 - 2022)