

AIDAN ANDREWS

AI & ML RESEARCHER

I AM AN AI AND ML ENTHUSIAST WITH A STRONG FOUNDATION IN PHYSICS AND COMPUTER SCIENCE, DEDICATED TO USING TECHNOLOGY FOR GLOBAL IMPROVEMENT. I SPECIALIZE IN TRANSFORMING THEORETICAL KNOWLEDGE INTO PRACTICAL SOLUTIONS. I AIM TO RESEARCH AND DEVELOP PRACTICAL SOLUTIONS TO REAL WORLD PROBLEMS.



WORK EXPERIENCE

DEVENEGARAI / AUGUST 2023 - NOVEMBER 2023

FULL STACK AI/ML ENGINEER

DESIGNED AND EXECUTED ADVANCED MACHINE LEARNING ALGORITHMS, INCLUDING A SOPHISTICATED CONVOLUTIONAL NEURAL NETWORK (CNN), CRUCIAL FOR ACCURATELY PREDICTING HANDWRITTEN DEVANAGARI CHARACTERS, SIGNIFICANTLY ENHANCING THE FULL-STACK APPLICATION'S FUNCTIONALITY AND USER EXPERIENCE.

VOXAI / DECEMBER 2023 - PRESENT

DEVELOPER

ENGINEERED A LINUX-BASED NVIDIA JETSON-NANO POWERED AI LEARNING ASSISTANT. ADEPT AT TRANSCRIBING LECTURES, INTEGRATED WITH A LARGE LANGUAGE MODEL FOR ENHANCED STUDY SUPPORT. OPTIMIZED HARDWARE FOR SCREENLESS OPERATION.

VGG-19 / AUGUST - DECEMBER 2023

RESEARCHER

RESEARCHED A VGG-19 CONVOLUTIONAL NEURAL NETWORK MODEL TO CLASSIFY PLANT SPECIES
IMPLEMENTED VGG-19 DEEP LEARNING ARCHITECTURE, TRANSFER LEARNING TECHNIQUES, AND A CUSTOM SEQUENTIAL CLASSIFIER WITH DENSE LAYERS

CONTACT

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EDUCATION

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN
BACHELORS OF PHYSICS & ILEE

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN
MASTER OF COMPUTER SCIENCE

SKILLS

⚡ CNN'S	⚡ TENSOR FLOW
⚡ AI/ML APPLICATIONS	⚡ LINUX
⚡ ALGORITHMS	⚡ HARDWARE

COVER LETTER BY

AIDAN ANDREWS

AI/ML RESEARCHER

TO WHOM IT MAY CONCERN

I AM WRITING TO EXPRESS MY KEEN INTEREST IN THE RESEARCHER POSITION AT GOOGLE. GOOGLE'S REPUTATION FOR PIONEERING INNOVATION, UPHOLDING PROFESSIONAL EXCELLENCE, AND A RESULTS-DRIVEN APPROACH ALIGNS PERFECTLY WITH MY PROFESSIONAL ETHOS AND ASPIRATIONS. WITH A ROBUST BACKGROUND IN AI AND MACHINE LEARNING, AND A PROVEN TRACK RECORD OF ENTREPRENEURIAL SUCCESS, I AM EXCITED ABOUT THE OPPORTUNITY TO CONTRIBUTE TO YOUR TEAM'S GROUNDBREAKING WORK.

AS A STUDENT AT THE UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN, I HAVE IMMERSSED MYSELF IN ADVANCED STUDIES IN AI, MACHINE LEARNING, PHYSICS, AND ENGINEERING. THIS ACADEMIC FOUNDATION, COMBINED WITH MY HANDS-ON EXPERIENCE IN DEVELOPING INNOVATIVE TECHNOLOGICAL SOLUTIONS, HAS EQUIPPED ME WITH A DEEP UNDERSTANDING OF THE COMPLEXITIES AND POTENTIAL OF AI. MY WORK INCLUDES SUCCESSFULLY DEVELOPING THE DEVANAGARI LANGUAGE LEARNING WEB APP, SHOWCASING MY PROFICIENCY IN PYTHON AND MY ABILITY TO IMPLEMENT AI FOR MEANINGFUL SOCIETAL IMPACT.

I AM PARTICULARLY DRAWN TO YOUR COMPANY'S COMMITMENT TO LEVERAGING AI FOR SOCIETAL BETTERMENT. I BELIEVE THAT MY BACKGROUND IN LEADING DIVERSE PROJECTS, ACADEMIC EXCELLENCE, AND PASSION FOR UTILIZING TECHNOLOGY TO SOLVE REAL-WORLD PROBLEMS UNIQUELY POSITION ME TO CONTRIBUTE TO YOUR TEAM. MY EXPERIENCE IN DRIVING TECH INITIATIVES AND DEVELOPING FULL-STACK SOLUTIONS, AS EVIDENCED BY MY PROJECT PORTFOLIO, ALIGNS WELL WITH THE DYNAMIC CHALLENGES AND OPPORTUNITIES AT YOUR ORGANIZATION.

ATTACHED IS MY RESUME FOR YOUR CONSIDERATION, DETAILING MY QUALIFICATIONS AND ACHIEVEMENTS. I AM EAGER TO DISCUSS HOW MY EXPERIENCE, SKILLS, AND VISION CAN ALIGN WITH THE GOALS OF YOUR TEAM. PLEASE FEEL FREE TO CONTACT ME AT (310) 910-4721 OR VIA EMAIL AT AIDANSA2@ILLINOIS.EDU SHOULD YOU HAVE ANY QUESTIONS OR REQUIRE FURTHER INFORMATION.

THANK YOU FOR CONSIDERING MY APPLICATION. I LOOK FORWARD TO THE POSSIBILITY OF CONTRIBUTING TO YOUR ESTEEMED COMPANY AND AM EXCITED ABOUT THE PROSPECT OF JOINING A TEAM AS INNOVATIVE AS YOURS.



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