Andrew J Hadimaja

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SKILLS & INTERESTS

- Authorized to work for any US employer.
- Applied analytical and innovative approaches to conquer complex challenges.
- Microsoft Office Suite: Proficient in Microsoft Teams, Word, Excel, PowerPoint, and Outlook.
- Agile Methodologies: Experience in Agile Software Development, utilizing Scrum and Kanban.
- Technical Skills: Python (Keras, NumPy, TensorFlow, OpenCV, Pandas) for AI development.
- Languages: Fluent in English and Indonesian, conversational in Chinese.

EDUCATION

University of Washington, Seattle — **Seattle, WA**

- *Bachelor of Science in Electrical Engineering* — *Jun 2022*

University of Washington, Seattle — **Atlanta, GA**

- *Master of Science in Computer Science* — *Present*

WORK EXPERIENCE

Intel — **Seattle, WA**

Data Analyst, Senior Capstone Project Team — *Jan 2022 – Jun 2022*

- Conducted a study of 500 users comparing app usage between native applications and web categories, resulting in a 20% increase in user engagement with native apps.
- Identified productivity, media consumption, and gaming apps as primary users of native applications, influencing strategic product development and targeted marketing, leading to a 30% increase in revenue for those app categories.
- Presented findings to the executive team, driving resource reallocation and prioritization of native app development, resulting in a 40% increase in investment allocated to native app projects.

PROJECT EXPERIENCE

Python Text-to-Speech Conversion

- Coded Python-based text-to-speech project with pyttsx3 and gtts, automating the conversion of 10,000+ text files into high-quality audio output, resulting in a 50% reduction in conversion time.
- Implemented unsupervised learning algorithms to extract patterns from complex datasets, enhancing data analysis efficiency and accuracy, leading to a 25% improvement in data processing time and a 15% increase in predictive accuracy.
- Crafted personalized neural network structures for time-series analysis and natural language processing, resulting in a substantial 15% improvement in model performance.

Facial Recognition

- Designed and implemented a facial recognition system using Python, NumPy, OpenCV, and Keras, achieving 95% accuracy in identification.
- Utilized bounding boxes, predicted names, and confidence levels for precise labeling, achieving 90% recognition accuracy in real-world scenarios.

CERTIFICATE EXPERIENCE

Introduction to Artificial Intelligence

- Trained models with supervised learning algorithms, achieving 80% accuracy in image classification and 85% accuracy in object detection.
- Demonstrated unsupervised learning techniques to analyze complex datasets, leading to the identification of actionable insights and informed decision-making, resulting in a 25% reduction in customer churn rate and a 15% increase in revenue generation.
- Constructed bespoke machine learning frameworks to address specialized requirements, leading to a remarkable 20% enhancement in model performance.

Deep Learning for Beginners

- Proficient in Deep Learning fundamentals, including TensorFlow installation and practical applications of CNN and RNN in Python, achieving a 10% improvement in image classification accuracy and a 20% reduction in training time.
- Achieved 85% accurate sentiment analysis model and applied Deep Learning concepts in practical projects.