

Andrew J Hadimaja

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| <https://andrewh265.github.io/andrewhportfolio/>

SKILLS & INTERESTS

- Authorized to work for any US employer.
- Problem-solving skills, critical thinking, creative, and design thinking.
- Microsoft Teams, Word, Excel, PowerPoint, Outlook.
- Familiar with Agile Software Development, Scrum, Kanban.
- **Skills:** Programming (Python, Keras, NumPy, Tensorflow, OpenCV, Pandas)
- **Language:** English (fluent), Indonesian (fluent), Chinese (conversant).

EDUCATION

University of Washington, Seattle

Bachelor of Science in Electrical Engineering

Seattle, WA

Graduation Date: Jun 2022

WORK EXPERIENCE

Intel

Seattle, WA

Data Analyst, Senior Capstone Project Team

Jan 2022 – Jun 2022

- Conducted a study of 500 users to understand native app usage vs web category usage.
- Found that productivity, media consumption (entertainment), and game apps are used more on native applications than web categories.
- Presented findings to the executive team which led to a change in strategy.

PROJECT EXPERIENCE

Image Categorization

- Built a trained model for categorizing a dataset into 10 image categories
- Used Python, NumPy, Tensorflow, and matplotlib
- Report the accuracy of the categorization of every 100 images
- Utilized a lot of convolutions and focused on Convolutional Neural Network (CNN)

Facial Recognition

- Developed a facial recognition system using Python, NumPy, OpenCV, and Keras with 95% confidence
- Recognized the test picture by putting a green box, predicted name, and the confidence level

CERTIFICATE EXPERIENCE

Python Text-to-Speech Conversion

- Developed a Python-based text-to-speech project, utilizing libraries such as pyttsx3 and gtts, to convert over 10,000 written text files into high-quality audio output.
- Implemented unsupervised learning algorithms to discover hidden patterns in data sets with complex structures.
- Developed custom deep learning architectures for projects with unique requirements, such as time-series analysis and natural language processing.

Deep Learning for Beginners

- Learned the fundamentals of Deep Learning, TensorFlow, and its installation.
- Understand different Deep Learning frameworks, convolutional neural networks, and recurrent neural networks in Python.
- Practiced applications of Deep Learning.

Agile Software Development: Scrum for Developers