

**Chuong Hoa Loe**

**Al, Machine learning and Data science**

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# About me

My specialties are machine learning (supervised learning, unsupervised learning), data science, backend development. Programming is my love and also my best skill.

Sett-learning, good English and well disciplined help me handle a lot of challenges.

# Working experiences

Over 4 years working with Python and 3+ working in machine learning. I can develop many kinds of projects based on Python language quite confidently. Focus on data science and machine learning. In Data science, I am be able to do ETL ,EDA, feature engineering, data visualization and building prediction applications. I am familiar with many kinds of databases, framework for large-scale data processing and cloud platforms. I am currently working in machine learning computer vision and NLP projects. my responsibilities are building dataset, training and optimizing model, deploy model and tracking model performance.

# Languages

Python, C++, BashScript.

# Development tools

Vscode, Atom, JupyterNotebook, Jupyterlab, etc.

# Machine learning framework

Tensorflow, Pytorch, Scikit-learn, OpenCV, OpenVino, ONNX, etc.

# Data science framework

Numpy, Pandas, Matplotlib, Seaborn, Selenium, PySpark, etc.

# Database

PostgresQL, MongoDB, SQLite.

# Platforms

AWS, Triton server, TF serving.

# OS

Linux, Windows

# Projects

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| **Name:** confidentiality **Company:** Greystone Data systems  **Time:** Jun-2023  **Description:** The application to detect defects on smartphone for one of the biggest global company about wireless telecom services. This project is accepted and getting order US customer.  **Responsibility:** Finding solution, building dataset, deploy model into production and improving model performance. |
| **Name:** confidentiality **Company:** Greystone Data systems  **Time:** Dec-2022  **Description:** Building an OCR solution to extract the information for US customer. The project is already on production, over more than 600 executions per day with 99% accuracy.  **Responsibility:** Research, experiment and validate solutions. Improving model performance and cooperating with SW team to build application. |
| **Name:** Jetboy robot **Company:** Vastbit co.ltd  **Time:** Dec-2020 to Nov-2022  **Description:** Jetboy is a robot integrated machine learning models. The robot has spatial awareness and the ability to interact with human.  **Responsibility:** Research, define concepts, building solution architect, protocols. Apply and simulating algorithms. Testing solution. UI/UX design. |
| **Name:** SmartVision **Company:** Vastbit co.ltd  **Time:** Oct-2020 to Mar-2021  **Description:** This is an application for supervising the employee with multi functions as face recognition, tracking motion, etc. User can monitor employee performance and working environment in real-time.  **Responsibility:** Training and testing models, build an REST API application, cooperate with SW team to deploy product. |