



Company Overview

Company Name Aizu Computer Science Laboratories, Inc.

Date of Establishment Apr. 1, 2019

Head Office 1-77 Higashi-Sakaemachi, Aizuwakamatsu 965-0872, Japan

TEL / FAX +81-242-93-8380 / +81-242-93-8381

Common Stock 20,000,000 JPY (As of Dec. 2019)

Major Business Area R&D in computer science field (Al, Blockchain)

Representative Masayuki Hisada, Dr. Sc.

Shareholder Masayuki Hisada (86%)





Director & CEO: M. Hisada, Dr. Sc.

Our company was established in Apr. 2019, specialized for **research and development** in advanced **computer science** fields.

Our company has strong **relationship with the University of Aizu**.

The university was established in 1993, as the first university in Japan solely dedicated to computer science and engineering.

We are looking for

Partner for our research and development

Investors interested in tech company specialized **AI** and **Blockchain** technologies **Energy related service provider** interested in using **AI** and **Blockchain** technologies

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Major Research Area

Al

X

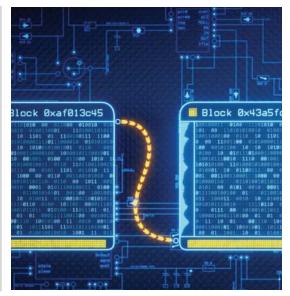
Blockchain





Researchers Al x 4 Blockchain x 2

Researchers are mainly invited from graduate school of the university of Aizu





Edge Computing: IoT and AI

Manufacturing

Logistics

Medical

Financial



Shifting from Cloud to Edge

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5G Al chip





A13 Bionic **Neural Engine**





GPU Processing GPU Board



Edge TPU

Inference on Edge





Arm AI/ML





Collaboration with UoA

Prof. Abderazek Ben Abdallah, Ph.D. Adaptive Systems Laboratory The University of Aizu



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High Performance
Prediction on Edge

2 Low Power Consumption
Hardware spends less energy

Multiple Neural Network
(M-NN)

Combination of Neural
Network with Network
on Chip technology

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Main Point of View

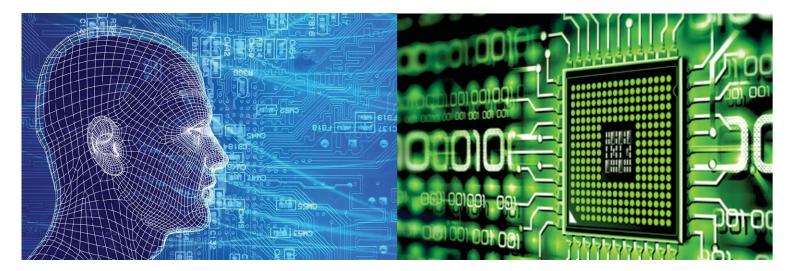
AI<u>C x No</u>C

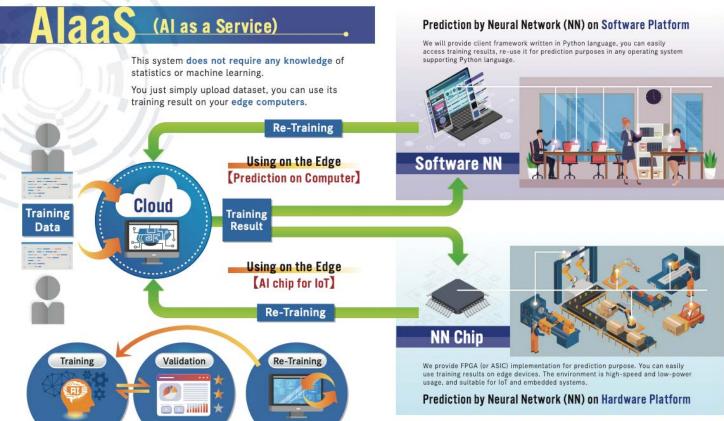
Complicated Problem

Low Power Consumption

Flexible combination of multiple Neural Network

Optimized custom chip consume very low energy







Our R&D Activities (in Fukushima)

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Al chip and its use case in EMS: Energy Management System

This project is partially supported by the funding from Fukushima prefecture

EV x EMS

We have two business fields:

- Share-Car business
- EMS by EV

This project is collaborate with REXEV (renewable energy x EV) corp.

Weather forecasting, energy demand, EV SoC etc. consider complicated combination of predictions and inferences by AI (Neural Network).

Our implementation is hybrid with software and hardware (Al chip).



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to Advance Knowledge for Humanity



Starting from Fukushima Prefecture!

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