RZ Ecosystem Partner Solution

tiwaki Al++

Solution Summary

• tiwaki’s original computer vision technology lineup
  • Face detection/recognition, pose estimation, anomaly recognition...
  • Edge AI solution-oriented technology: fast, compact, high accuracy

Features/Benefits

• tiwaki’s pose estimation technology - Fufrinkazan Pose - can run over 30fps on Renesas’ edge AI platform RZ/V2M
• Compatible with smart camera, PC, edge device, cloud. Fully platform independent
• Absolutely faster, even more accurate than state-of-the-art technology
• Best fit for realtime AI applications

Block Diagram/Graphics

tiwaki’s technology lineup : tiwaki AI++

https://www.tiwaki.com/home-2

2021.10
<table>
<thead>
<tr>
<th>Company Name</th>
<th>株式会社tiwaki</th>
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<tbody>
<tr>
<td>tiwaki Co., Ltd.</td>
<td></td>
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<tr>
<td>Founded</td>
<td>April 1st, 2016</td>
</tr>
<tr>
<td>Address</td>
<td>101 Incubator, Ritsumeikan University BKC, 1-1-1, Nojihigashi, Kusatsu-city, Shiga, 525-8577, Japan</td>
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<tr>
<td>CEO</td>
<td>Xiang Ruan</td>
</tr>
<tr>
<td>Employees</td>
<td>39 (part-time worker: 28)</td>
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<td>Capital</td>
<td>82,999,990 Japanese Yen</td>
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<td>Business Domain</td>
<td>Core technology development of machine learning and computer vision</td>
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**tiwaki AI++ Basic Technologies**

Furinkazan
- Furinkazan Object
- Furinkazan Depth
- Furinkazan Pose
- Furinkazan Face (Detection)

Onmyoji
- Onmyoji Image Retrieval
- Onmyoji 3D Pose
- Onmyoji Distance
- Onmyoji Instance Detection
- Onmyoji Abnormal Detection
- Onmyoji Face (Recognition)

Under development

**Utilization Flow**

Shooting by camera

Analysis by AI

Confirm result