



Additional information

NetApp Solutions

Dorian Henderson, Ivana Devine
July 02, 2021

Table of Contents

Additional information..... 1

Additional information

To learn more about the information that is described in this document, review the following documents and/or websites:

- Dataset: TuSimple

https://github.com/TuSimple/tusimple-benchmark/tree/master/doc/lane_detection

- Deep Learning Network Architecture: Spatial Convolutional Neural Network

<https://arxiv.org/abs/1712.06080>

- Distributed deep learning training framework: Horovod

<https://horovod.ai/>

- RUN: AI container orchestration solution: RUN: AI product introduction

<https://docs.run.ai/home/components/>

- RUN: AI installation documentation

<https://docs.run.ai/Administrator/Cluster-Setup/cluster-install/#step-3-install-runai>
<https://docs.run.ai/Administrator/Researcher-Setup/cli-install/#runai-cli-installation>

- Submitting jobs in RUN: AI CLI

<https://docs.run.ai/Researcher/cli-reference/runai-submit/>
<https://docs.run.ai/Researcher/cli-reference/runai-submit-mpi/>

- Azure Cloud resources: Azure NetApp Files

<https://docs.microsoft.com/azure/azure-netapp-files/>

- Azure Kubernetes Service

<https://azure.microsoft.com/services/kubernetes-service/-features>

- Azure VM SKUs

<https://azure.microsoft.com/services/virtual-machines/>

- Azure VM with GPU SKUs

<https://docs.microsoft.com/azure/virtual-machines/sizes-gpu>

- NetApp Trident

<https://github.com/NetApp/trident/releases>

- Data Fabric powered by NetApp

<https://www.netapp.com/data-fabric/what-is-data-fabric/>

- NetApp Product Documentation

<https://www.netapp.com/support-and-training/documentation/>

Copyright Information

Copyright © 2021 NetApp, Inc. All rights reserved. Printed in the U.S. No part of this document covered by copyright may be reproduced in any form or by any means-graphic, electronic, or mechanical, including photocopying, recording, taping, or storage in an electronic retrieval system-without prior written permission of the copyright owner.

Software derived from copyrighted NetApp material is subject to the following license and disclaimer:

THIS SOFTWARE IS PROVIDED BY NETAPP "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY DISCLAIMED. IN NO EVENT SHALL NETAPP BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

NetApp reserves the right to change any products described herein at any time, and without notice. NetApp assumes no responsibility or liability arising from the use of products described herein, except as expressly agreed to in writing by NetApp. The use or purchase of this product does not convey a license under any patent rights, trademark rights, or any other intellectual property rights of NetApp.

The product described in this manual may be protected by one or more U.S. patents, foreign patents, or pending applications.

RESTRICTED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.277-7103 (October 1988) and FAR 52-227-19 (June 1987).

Trademark Information

NETAPP, the NETAPP logo, and the marks listed at <http://www.netapp.com/TM> are trademarks of NetApp, Inc. Other company and product names may be trademarks of their respective owners.