

# AI4IMPACT APPRENTICESHIP PROGRAM

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## DEEP LEARNING INFRASTRUCTURE DEVELOPMENT

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LEARN HOW TO DEVELOP FAST, SCALABLE AI DEV  
INFRASTRUCTURE TO HELP THOUSANDS LEARN & BUILD AI

### GOALS:

- Develop new TW Caffe layers to enhance data processing pipeline
- Optimize the TW Caffe backend
- Integrate high-performance open-source frameworks (NVIDIA Rapids, XGB, etc.)
- Extend the Willow Smojo-to-C compiler
- Testing and deploying Autocaffe ML on edge environments (NVIDIA Jetson Nano)

### WHAT YOU'LL LEARN:

- The nuts-and-bolts of modern ML infrastructure. How they are designed
- Applying and optimizing ML to edge processing
- Building an ML data processing pipeline infrastructure

**This apprenticeship requires experience in C++ or Java Programming**

APPRENTICESHIP PERIOD: 3 MONTHS (SEP - DEC)

TEAM-BASED LEARNING , FLEXIBLE SCHEDULE



**SCAN HERE TO REGISTER!**

Deadline: 10 September 2020