

AI4IMPACT

AI for Universities





2400+
Trained in AI



400+
AI Solutions
Developed



Dengue
Forecasting



Energy
Optimization



Chatbot
Webapps



Financial
Forecasting

MAKE AI ACCESSIBLE TO EVERYONE



STUDENT TESTIMONIALS



AI CURRICULUM

Basic to advanced AI learning modules.
Accessible to Non-Programmers

Learning Track:

1. Deep Learning for Forecasting
2. Building Chatbots
3. Mobile-Centric Webapps

Trusted by:



SELF-PACE LEARNING

Learn anywhere, anytime at your own pace through bite-size learning videos.



MENTORSHIP

Get mentorship from fellow students or experts. Learn from successful practitioners.



REAL-WORLD

Created by industry practitioners with focus on applications development. Real-world projects as assignments.

AI4IMPACT Program

DATATHONS

Learn AI - Solve - Pitch [3-5 weeks]
No Programming Background Required



IOT DATATHON 3.0 (JAN 20)

NUS - 250 Students
Dengue Forecasting



NTU-AI4IMPACT DATATHON 2020 (MAY 20)

NTU - 252 Students
Energy Saving & Sustainability



BUILD-A-BOT 2020

AI4IMPACT - 250 Students & Adults
Chatbots 4 Humanity



DEEP LEARNING DATATHON 2020

AI4IMPACT + SGInnovate - 450 students
Energy Forecasting



LEARN

Learn AI concepts through self-pace learning videos + virtual mentorships from experts.



DO

Work in teams to develop solutions / apps for solving real-world challenges. Guided mentorships.



IMPACT

The teams deploy their solutions / apps on public website. Public selects the best solutions.



FINALE

The top teams pitch their solutions to industries, government, academia.. The industries engage top teams for career or project opportunities.

AI4IMPACT Program

AI APPRENTICESHIP

3-month apprenticeship programs on advanced, impactful AI projects.

AI4IMPACT APPRENTICESHIP PROGRAM

DEEP LEARNING INFRASTRUCTURE DEVELOPMENT

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

GOALS:

- Develop new TV Caffe layers to enhance data processing pipeline
- Optimize the TV Caffe backend
- Integrate high-performance open-source frameworks (NVIDIA Rapids, XGB, etc.)
- Extend the Willow Snmp-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

AI4IMPACT APPRENTICESHIP PROGRAM

FINANCIAL DATA ENGINEERING FOR DEEP LEARNING

HOW TO DESIGN AND ENGINEER FINANCIAL DATASETS FOR STOCK FORECASTING?

GOALS:

- Develop Real-Time Financial Data Pipeline
- Develop & Implement QC Algorithms for Data Accuracy & Integrity
- Build Dashboards & APIs for Dataset Visualization
- Explication of ML usage in Predicting Stock Prices & Performance Against External Stocks

WHAT YOU'LL LEARN:

- Programming Lucy Queueless & Stream Transforms
- Data Transformations techniques: DataGen & DataGen2
- In-Depth Market Concepts, Technical and on-Off ML Workflows

APPRENTICESHIP PERIOD: 3 MONTHS (SEP - DEC)
TEAM-BASED LEARNING, FLEXIBLE SCHEDULE



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ADVANCED AI PROJECTS

Domain-specific AI solutions or AI Infrastructure Development. In-depth learning with real-world impact



EXPERT MENTORSHIPS

Mentored by industry AI experts with 10+ years average experience. Learn best practices applied to real-world projects



TEAM-BASED LEARNING

Peer-to-peer learning through group projects. Network with international student communities with similar passions & skills.



FLEXIBLE SCHEDULE

Flexible, part-time, remote apprenticeships. Milestone assessments based on learning progress and project outcomes.

The logo for ai4impact, with 'ai4' in white and 'impact' in a vibrant green color, set against a dark, monochromatic background of a city skyline and a large lotus-shaped building.

LEARN - DO - IMPACT

