

PYNQ Bootcamp 2023 Agenda

Day 1

Monday, July 24

Location: Innovation Center

9:00 AM – 10:00 AM	Guest Speaker
10:00 AM – 11:00 AM	Unboxing
11:00 AM – 12:00 AM	PYNQ101 – Intro to PYNQ and KRIA SOM
12:00 PM – 12:45 PM	Lunch
12:45 PM – 1:45 PM	Introduction to Machine Learning
1:45 PM – 2:00 PM	Short Break
2:00 PM – 3:00 PM	PYNQ 201 – MNIST
3:00 PM – 3:30 PM	Wrap Up

Day 2

Tuesday, July 25

Location: Innovation Center

9:00 AM – 9:30 AM	Guest Speaker
9:30 AM – 10:30 AM	PYNQ 301 – Object Detection
10:30 AM – 11:00 AM	Ethics of AI
11:00 AM – 11:30 AM	Hackathon Overview
11:30 AM – 12:00 PM	Team Formation
12:00 PM – 12:45 PM	Lunch
12:45 PM – 1:45 PM	PYNQ 401 – Face Detection OR Crowd Detection
1:45 PM – 3:00 PM	PYNQ 402 – Automotive
3:00 PM – 3:30 PM	Wrap Up

Day 3

Wednesday, July 26

Location: Innovation Center

9:00 AM – 9:30 AM	Guest Speaker
9:30 AM – 10:30 AM	PYNQ 501 – Pose Detection
10:30 AM – 11:00 AM	Project Idea Brainstorm
11:00 AM – 12:00 PM	Project Pitches
12:00 PM – 12:45 PM	Lunch
12:45 PM – 2:00 PM	Office Hours
2:00 PM – 3:00 PM	PYNQ 502 – Computer Vision OR Intermediate Python
3:00 PM – 3:30 PM	Wrap Up

Day 4

Thursday, July 27

Location: Innovation Center

9:00 AM – 9:30 AM	Guest Speaker
9:30 AM – 10:30 AM	Hackathon Work Time
10:30 AM – 11:00 AM	Fun Games!!!
11:00 AM – 12:00 PM	Hackathon Work Time
12:00 PM – 12:45 PM	Lunch
12:45 PM – 1:30 PM	Panel Discussion
1:30 PM – 3:00 PM	Hackathon Work Time
3:00 PM – 3:30 PM	Wrap Up

Day 5

Friday, July 28

Location: AMD Xilinx Summit Retreat

9:00 AM – 11:00 AM	Hackathon Work Time
11:00 AM – 11:30 AM	Birds of a Feather OR Hackathon Work time
11:30 AM – 12:00 PM	Project Showcase setup
12:00 PM – 12:45 PM	Lunch with Interns!
12:45 PM – 1:15 PM	Data Center Tour
1:15 PM – 2:00 PM	Hackathon Work Time and Project Setup
2:00 PM – 3:00 PM	Project Showcase
3:00 PM – 3:30 PM	Results and Key Notes