Machine Learning for Beginners

June 10, 2023 – June 14, 2023
Meeting Time: 9am – 11am Eastern Time
Venue: Zoom

Course content

- Programming in Python
- Plotting functions
- Processing images
- Matrices and vectors
- Line fitting
- Minimizing functions
- One-layer neural network
- Convolution
- Multi-layer neural network
- Recognizing digits

The course is suitable for:
- High School / College Freshmen
- Interested in math and science
- Pre-requisites: Algebra + Calculus
- No programming background required

Instructors

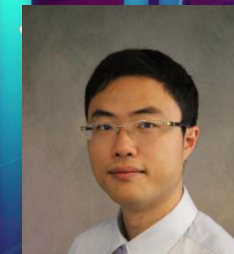**Dr. Nick Chimitt**
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