

AI and Quant Fund Boot Camp

Causeway Bay, Hong Kong, Oct/Nov 2026

Schedule: Oct. 31 & Nov. 1, 2026

Time:

- 1pm – 5pm & 6pm – 10pm , Oct. 31 (Sat.)
- 9am – 1pm & 2pm – 6pm, Nov. 1 (Sun.)
- 3 topics, 12 lectures, 16 training hours
- Working dinner/lunch will be provided

Topics covered (see back for details):

- Topic 1: Understanding Large Language Models
- Topic 2: AI Agent Developments with LLMs
- Topic 3: Building Your Own Quant Hedge Funds with LLMs and AI Agents

Location:

- Causeway Bay, Hong Kong (near MTR Causeway Bay station A exit)

Language used in training:

- English/Mandarin

Certification: Awarded to students who take all 3 topics from the camp

Instructors:

- Dr. Hongsong Chou

Tuition:

- 12,000 HKD (or 1,550 USD);
- 2,000 HKD (or 250 USD) discount for students with valid ID

Employment guidance and recommendation:

Available upon request

Targeted industry opportunities: Quantitative research and development positions on both buy- and sell-side firms.



Our Chief Instructor
Dr. Hongsong Chou

“The main goal of our boot camp is two-fold: at the same time when we help students and young professionals master practical aspects of the financial industry, we also help our industry partners to pre-train young employees so that they can hit the road and start running immediately after they join the company.”

- Dr. Hongsong Chou

Dr. Chou initiated the idea of our professional boot camp based on his many years of experience as a hiring manager in the industry and his collaborations with our industry partners in recruiting and training young professionals, especially in quantitative trading and investment practices. In addition to the strong support from our industry partners, Dr. Chou’s many years of teaching and supervising experience in market microstructure research at selected top universities throughout the world, allows him and other instructors of the boot camp to train and guide our young professionals to be sufficiently ready for employment opportunities in the industry, which is the goal of all our programs.



Dr. Chou’s Professional Boot Camp

for

AI and Quant Fund



☞ *Learn building your own quant fund with AI agents*

☞ *Based on practical projects*

☞ *Coding & modeling emphasized*

☞ *Data driven*

☞ *16-hour intense learning & training*

☞ *Industrial partners: Citic Securities, Futu Securities, LSEG, xQuant Technologies, Yue Kun Research (Hong Kong), etc.*



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Topic 1: Understanding Large Language Models

Introduction: This topics with three lectures starts from basic introduction Large Language Models (LLMs), covering basic algorithms behind current LLMs, discussions of features of these LLMs and specific LLMs applied to the financial industry. In-depth discussions on LLM training is also given. With this topic, program participants will have detailed knowledge of LLMs including major technical aspects of them. In addition, participants will be able to start coding using APIs of major LLM platforms.

Syllabus:

- Lecture 1: Basic algorithms of Large Language Models.
- Lecture 2: Developing and training Large Language Models.
- Lecture 3: Financial industry applications of Large Language Models.

Pre-requisites: Some basic knowledge in Python programming; previous experiences with basic machine learning and/or deep learning are a plus, but not required

Hardware/software pre-requisites: Students need to bring their own laptops (at least 16GB or more RAM), pre-installed with Python 3 and relevant packages

Instructor: Dr. Hongsong Chou

Scan the QR code on the right or visit eccinfo.net for more info.



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Topic 2: AI Agent Developments with LLMs

Introduction: This topics with three lectures will start from basic introduction to AI Agents and their relationships with LLMs. Basic development frameworks and coding best practices for AI Agents will be discussed. Certain techniques related to AI Agents such as LangChain, MCP, RAG etc. will be discussed with coding examples. Program participants will develop a number of AI Agents that will be used as major components in Topic 3 for a working quant hedge fund run by yourself.

Syllabus:

- Lecture 1: Basics of AI agents and related systems.
- Lecture 2: Developing and training AI Agent systems.
- Lecture 3: Coding examples of financial AI agent systems.

Pre-requisites: Experiences of Python coding required; Topic 1 of this boot camp

Hardware/software pre-requisites: Students need to bring their own laptops (at least 16GB or more RAM), pre-installed with Python 3 and relevant packages

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Topic 3: Building Your Own Quant Hedge Funds with LLMs and AI Agents

Introduction: This topic will teach students how to design and develop working applications of LLMs and AI Agents in quantitative investment and trading, such as alpha research with LLM-driven sentiment analysis, scalable signal research via AI agents, investment decision making process via "AI Agent"-enabled research platform, risk management, etc.

Syllabus:

- Lecture 1: Developing LLM-powered AI quant research systems.
- Lecture 2: Investment decision-making via LLMs/AI Agents.
- Lecture 3: Building AI Agent-enabled quantitative investment businesses.

Pre-requisites: Topics 1 and 2 of this boot camp

Hardware/software pre-requisites: Students need to bring their own laptops (at least 16GB or more RAM), pre-installed with Python 3 and relevant packages

Instructor: Dr. Hongsong Chou

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