HKMA – Digitalisation Office (DO)

About the company

The Hong Kong Monetary Authority (HKMA) is charged with the responsibility for maintaining the stability and integrity of the monetary and financial systems of Hong Kong.

The HKMA currently is embarking on Digitalisation Programme that cuts across multiple functions, including banking and anti-money laundering supervision, financial stability surveillance, research and investment, with the aim of using technologies and data science to help us identify emerging risks and trends in a more forward-looking manner.

Internship Information

Product Owner Intern (AI/ML Platfrom)

Name of Department(s) offering internship positions:

Digitalisation Office (DO)

Internship Duration: 6 months – 12 months

Internship Period: Open

Intern's Job Description

Job Duties:

Product Owner Intern – AI/ML Platform

- Contribute in AI/ML Platform development
- Gather, monitor and analyse our AI/ML platform performance metrics and user's feedback
- Evaluate existing products, research on market trends and find ways to improve performance
- Assist in existing business operation, as well as prepare report and presentation.

Requirements:

(A) Education Background:
- N/A

(B) Discipline Preferred:
- Computer Science

(C) Technical Skills:
- Microsoft Office, Python, SQL

(D) Language Proficiency:
- English, Cantonese

(E) Others:
- N/A

Enquiry email (if any): N/A

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Internship Information

Business Enablement Analyst

Name of Department(s) offering internship positions:

Digitalisation Office (DO)

Internship Duration: 12 months

Internship Period: 7/2025 – 6/2026

Intern's Job Description

Job Duties:

- Collaborate with different business units to understand their data needs
- Enable business users to adopt digitalisation concepts and tools, including Dremio, Tableau, Generative AI.
- Assist in promoting the use of digital tools and data products across the organisation
- Assist with on-going support and training to users on digital tools and technologies

Requirements:

(A) Education Background:
- PG or 2nd/3rd year UG students

(B) Discipline Preferred:
- All disciplines are welcome however background relevant to information technology, computer science, Business or Finance.

(C) Technical Skills:
- Proficiency in Microsoft Office Suite and other relevant digital skills
- Familiar with Business Intelligence Tools such as Tableau or Power BI

(D) Language Proficiency:
- Good command of written and spoken English and Chinese (Cantonese and/or Putonghua)

(E) Others:
- Strong interpersonal, communication and presentation skills, with the ability to convey information clearly and effectively.
- Excellent collaboration skills and work well in a team-oriented environment.

- Adaptability and a willingness to learn new concepts and technologies quickly.
- Self-motivated, good attention to details, independent with strong analytical and problem-solving skills.

Enquiry email (if any): N/A

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Internship Information:

Junior data analytic specialist

Name of Department(s) offering internship positions:

Digitalisation Office (DO)

Internship Duration: 12 months

Internship Period: 7/2025 – 6/2026

Intern's Job Description

Job Duties:

- Contribute to the next generation of the Data analytics with a focus on:

  o front-to-back automation of visualisation and analysis using Python and tableau;

  o collection of huge volume of both structured and unstructured data using Python, and compile the result in analytic view;

  o support the supervisor to handle the routine task for daily operation.

- Assist data scientists in conducting the research or developing models, building AI applications using GenAI techniques

Requirements:

(A) Education Background:
  - Undergraduate students

(B) Discipline Preferred:
  - Data analytics, data science, computer science or quantitative subjects

(C) Technical Skills:
  - Familiar with analytical and data visualization tools (Python, R and tableau)

(D) Language Proficiency:
  - Good command of both written and spoken English and Chinese

(E) Others:
  - Good interpersonal skills with ability to prioritise, multitask and follow establish procedures to attain positive results.

Enquiry email (if any): N/A

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Internship Information:

Automation engineer

Name of Department(s) offering internship positions:

Digitalisation Office (DO)

Internship Duration: 12 months

Internship Period: 7/2025 – 6/2026

Intern's Job Description

Job Duties:

- Develop and maintain process documentation, including workflows, technical specifications, and test plans.

- Collaborate with cross-functional teams to ensure seamless integration of RPA solutions.

- Perform testing, debugging, and troubleshooting of RPA workflows to ensure accuracy and efficiency.

- Monitor and maintain RPA solutions, perform system upgrades, and implement enhancements as required.

- Provide training and support to end-users on the usage of RPA solutions.

Requirements:

(A) Education Background:
- ■ Undergraduate students

(B) Discipline Preferred:
- ■ Data analytics, statistics, data science, computer science or quantitative subjects

(C) Technical Skills:
- ■ Knowledge of version control systems (e.g., Git) for managing RPA code.)
- ■ Strong problem-solving and analytical skills

(D) Language Proficiency:
- ■ Good command of both written and spoken English and Chinese

(E) Others:
- ■ Good interpersonal skills with ability to prioritise, multitask and follow establish procedures to attain positive results.

Enquiry email (if any): N/A

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Internship Information

Data Engineer

Name of Department(s) offering internship positions:

Digitalisation Office (DO)

Internship Duration: 6 - 12 months

Internship Period: from June or July 2025

Intern's Job Description

Job Duties:

■ Collaborate with the Data Engineering CoE to manage the business demands and understand the requirements.

■ Assist in developing data pipeline for data ingestion, data validation and data transformation.

■ Collaborate with cross-functional teams to ensure seamless integration.

■ Perform testing, debugging, and troubleshooting of data pipeline to ensure accuracy and efficiency.

■ Assist in managing tasks backlog.

■ Maintain documentation, including technical specifications, test plans, data dictionary and data lineage.

Requirements:

(A) Education Background:

■ Currently pursuing a Bachelor's degree or above

(B) Discipline Preferred:

■ Computer science or quantitative subjects

(C) Technical Skills:

■ Python, Spark, SQL

(D) Language Proficiency:

■ Good verbal and written English and Chinese (Cantonese, and/or Putonghua)

■

(E) Others:

■ Good interpersonal skills with ability to prioritize, multitask and follow established procedures to attain positive results.

■ Good time management.

Enquiry email (if any): N/A

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Internship Information

Data Governance Specialist

Name of Department(s) offering internship positions:

Digitalisation Office (DO)

Internship Duration: 6 - 12 months

Internship Period: from June or July 2025

Intern's Job Description

Job Duties:

- Facilitate the adoption of auto-classification tool with business units.
- Enrich meta data with auto-classification tool to improve data discovery capability and facilitate AI initiatives.
- Verify auto-classification result to enhance the capability to fulfil data protection related standard operating procedure (SOP).
- Support data governance related initiatives.
- Support on-boarding data collection programme and perform testing.

Requirements:

(A) Education Background:
- Currently pursuing a Bachelor's degree or above

(B) Discipline Preferred:
- Degree in business administration, management, computer science or a related field

(C) Technical Skills:
- N/A

(D) Language Proficiency:
- Good verbal and written English and Chinese (Cantonese, and/or Putonghua)

(E) Others:
- Strong analytical and problem-solving abilities, with can-do mind set.
- Proficient in Microsoft Office suite (Word, Excel, PowerPoint).
- Proactive and self-motivated.

- Good time management.

- Ability to work independently as well as collaboratively in a team environment.

Enquiry email (if any): N/A

- Good time management.

- Ability to work independently as well as collaboratively in a team environment.

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Internship Information

AI Product Analyst

Name of Department(s) offering internship positions:

Digitalisation Office (DO)

Internship Duration: 6-12 months

Internship Period: **6 / 2025 – 6 / 2026**

Intern's Job Description

Job Duties:

- Gather and document product requirements for the AI application.

- Support testing and quality assurance by developing test cases and documenting results.

- Prepare and maintain product documentation, including user guides and release notes.

- Collaborate with cross-functional teams to ensure timely delivery of project milestones.

- Conduct market research and competitive analysis to enhance product decisions.

Requirements:

(A) Education Background:
  - Penultimate undergraduate student

(B) Discipline Preferred:
  - Computer Science, Data Science, IT, Engineering or Business Administration

(C) Technical Skills:
  - Basic understanding of AI and Generative AI
  - Experience with programming such as Python, R or Typescript is preferred

(D) Language Proficiency:
  - Good command of both written and spoken English and Chinese

(E) Others:
  - Strong interpersonal skills, self-motivated with the ability to work independently, excellent problem-solving abilities, and a demonstrated interest in AI.

Enquiry email (if any): ahcip@hkma.gov.hk