

# BANK OF CHINA (HONG KONG)

## About the bank

Bank of China (Hong Kong) Limited ("BOCHK") is a leading commercial banking group in Hong Kong and now transforming to regional business. We are making innovation and continuous development on various banking business. We have newly established Innovative & Fintech teams, actively developing Fintech technology and also promoting transformation of branch network intelligence.

The Information Technology (IT) Department of Bank of China (Hong Kong) Limited (BOCHK) comprises of five domains, including Application Development, Data Center, Data Management, Technology & Service Management and Technology Risk Management. We govern and manage all IT related initiatives and risks covering the entire group, including BOCHK, overseas branches in Asia-Pacific Region and member organizations and subsidiaries within the Bank of China (Hong Kong) Group.

At BOCHK, we believe that staff is the key to our sustainable growth. We offer a promising career path with a unique banking experience. Applications of following positions are invited for challenging projects.

## Internship Information

### Name of Department(s) offering internship positions:

Stream A  
Information Technology Department  
( Application Development )

**Internship Duration:** 6 months

**Internship Period:** Anytime within 7/2024 – 12/2024

### Intern's Job Description

#### Job Duties:

- Responsible for development and support of the bank application systems, including web application systems and Mobile App systems.
- Participate in key projects for expansion of the business to ensure seamless implementation.
- Involve in project lifecycle including user requirement collection, analysis and design, development, SIT, UAT, training, documentation and ongoing support.
- Assist the project manager in project management

#### Requirements:

##### (A) Education Background:

- Year 1 to year 3 undergraduate student.

##### (B) Discipline Preferred:

- Computer Science, Information Management, Engineering.

##### (C) Technical Skills:

- Experience in Internet web application and SQL or Mobile App programming
- Knowledge in Java, J2EE(JSP/ Servlet), Javascript, HTML, Spring, Struts, XML, CSS, AJAX, Unix script
- Knowledge on DB2, WebSphere, MQ, AIX, Linux is an advantage

##### (D) Language Proficiency:

- Good command of written and spoken English;
- Good command of written Chinese, spoken Cantonese and/or Mandarin.

##### (E) Others:

- Self-motivated, passion for new technology adoption, willing to work under pressure;
- Good communication and interpersonal skills.

**Name of Department(s) offering internship positions:**

Stream B  
Information Technology Department  
(Data Management)

**Intern's Job Description****Job Duties:**

- Support the bank-wide data management activities and data governance of data platform, including data requirement management, data ingestion management and authorization management
- Support the analytics data model maintenance and perform data analysis to support business objectives
  1. Design and deliver data science solution for a given use case or business problem statement
  2. Develop algorithms and statistical predictive models to identify business challenges and opportunities, and support developing business strategies
  3. Analyze structured and unstructured data, visualize findings, discover insights and propose new business models
  4. Develop analytics reports and visualization dashboard for business monitoring and delivering insights
- Participate in strengthening data standards control, data quality and metadata management in the data life cycle to support data analytics
- Support automation tasks to streamline data workflows to enhance customer experience
- Conduct research to collect the latest market information/ solutions related to the use of AI tools and technologies for data governance, data management and data analytics
- Assist to manage ad-hoc data management and data analytics assignments

**Name of Department(s) offering internship positions:**

Stream C  
Information Technology Department  
( Technology Risk Management )

**Intern's Job Description****Job Duties:**

- Assist to define security architecture for the organization infrastructure and application.
- Research and evaluate on latest security threats and technology solutions, such as Cloud, Big Data, Social Networking and Mobility.
- Assist to establish and maintain security standards and guidelines with focus on application and network security.
- Assist in establishing security baseline for key IT

**Internship Duration:** 6 months

**Internship Period:** Anytime within 7/2024 – 12/2024

**Requirements:****(A) Education Background:**

- Year 1 to year 3 undergraduate student.

**(B) Discipline Preferred:**

- Computer Science, Information Management, Engineering, Statistics or related disciplines

**(C) Technical Skills:**

- Interest and knowledge in cloud, blockchain, AI, big data or other innovative fintech technologies;
- Proficiency in SQL, Python, R, or similar analytically oriented programming languages preferred;
- Knowledge of open source packages such as Tensorflow preferred;
- Experience with data visualization tools such as Tableau preferred;
- Possession of advanced knowledge of Excel (e.g. Macro) and Access

**(D) Language Proficiency:**

- Good command of written and spoken English;
- Good command of written Chinese, spoken Cantonese and/or Mandarin.

**(E) Others:**

- Ability to build a collaborative and constructive partnership with teams
- Strong numerical sense, Self-motivated, passion for new technology adoption, willing to work under pressure;
- Good communication and interpersonal skills

**Internship Duration:** 6 months

**Internship Period:** Anytime within 7/2024 – 12/2024

**Requirements:****(A) Education Background:**

- Year 1 to year 3 undergraduate student.

**(B) Discipline Preferred:**

- Computer Science, Information Management, Engineering.

**(C) Technical Skills:**

- Basic knowledge of network security or platform security.

**(D) Language Proficiency:**

- Good command of written and spoken English;

- processes.
  - Assist in reviewing IT initiatives from technology risk perspectives.
  - Good command of written Chinese, spoken Cantonese and/or Mandarin.
- (E) Others:
- Self-motivated, passion for new technology adoption, willing to work under pressure;
  - Good communication and interpersonal skills.