Placement Student Programme (IT) 2021-2022

Company: Hong Kong Monetary Authority
Division: Information Technology Division
Intended remuneration: HK$ 10,500 per month
Benefits: Medical and dental benefits
Total no. of vacancy: 16
Duration of placement: 13 months (around 1 June 2021 to 30 June 2022)
Deadline for application: 13 March 2021
Interview period: March to April 2021
Application Method: Apply online (links as attached below)

There are 4 Sections in our IT Division, please refer the attachment for the details of the duties & requirements and also specify which section you would like to apply.

1. **IT Application Support 1 Section** (7 programmer vacancies)
   [https://erecruit.hkma.gov.hk/E_Terms.php?RefNo=S00010813-1A&JobSourceType=U&SourceType=60&JobSource=43]

2. **IT Application Support 2 Section** (5 programmer vacancies)
   [https://erecruit.hkma.gov.hk/E_Terms.php?RefNo=S00010812-1A&JobSourceType=U&SourceType=60&JobSource=43]

3. **IT Infrastructure Services Section** (1 programmer vacancy)
   **Support of mobile devices and services**
   [https://erecruit.hkma.gov.hk/E_Terms.php?RefNo=S00010811-1A&JobSourceType=U&SourceType=60&JobSource=43]
1. **IT Application Support 1 Section**  
(7 programmer vacancies)

**Duties:**
- To provide support to the following IT application systems.
  - Trading and Investment Management System
  - Investment Products Trade Repository System
  - Interbank Fund Transfer System
  - Stored Value Facilities and Retail Payment Supervisory System
- To provide support to the following financial information systems.
  - Bloomberg
  - Reuters
  - Markit
- To assist in programming, user acceptance testing and other IT related works.

**Requirements:**
- Pursuing bachelor’s degree in business administration, finance, information technology or computer science.
- Basic knowledge of any one of the following items is desirable.
  - Microsoft products
    - Windows, Windows Server, SQL Server, VB.NET, and Excel VBA
  - Oracle products
    - Oracle database and Java
  - IBM products
    - AIX Operating System and Websphere
    - Lotus Notes and LotusScript
  - Red Hat product
    - JBoss
  - Web application development
    - HTML, XML, JavaScript and PHP
- Good command of English and Chinese.

**Please apply online:**
[https://erecruit.hkma.gov.hk/E_Terms.php?RefNo=S00010813-1A&JobSourceType=U&SourceType=60&JobSource=43]
2. **IT Application Support 2 Section**  
(5 programmer vacancies)

**Duties:**
- To assist in system enhancement to cope with regulatory requirements for prudential banking supervision and explore the opportunity for enterprise systems integrations between the HKMA and banks.
- To assist in performing financial and statistical data analysis with business intelligent tool.
- To assist in evaluating the latest IT products and technologies, e.g. data encryption & security, to enhance the security of application infrastructure.
- To assist in performing security risk assessment and mitigation.
- To assist in research, design and advocate new technologies.

**Requirements:**
- Major or minor in Computer Science or relevant subjects with computer programming experience in any computer languages.
- Basic knowledge of some of the following items is desirable. On-the-job training by supervisor will be provided on.
  - **Computer languages:**
    - Oracle SQL, Microsoft Visual Basic/.NET, Excel development tools
    - Internet programming languages including Java, Javascript, HTML, HTML5, CSS3, PHP, XML, Dreamweaver and Flash
    - Mobile application programming languages such as Objective-C, Android SDK
  - **Database management systems:**
    - Oracle database
    - Microsoft SQL server database
  - **Application server:**
    - J2EE application server (WebLogic)
  - **Operation systems:**
    - Microsoft Windows
    - Oracle Solaris
    - Some experience on using Linux is also welcome
    - Financial risk and stress test modeling
  - **Cyber security review:**
    - Penetration test and scanning
    - Intrusion prevention and detection
    - Vulnerability assessment
    - Security incident forensics and investigation
    - Data encryption and digital signing

**Please apply online:**
[https://erecruit.hkma.gov.hk/E_Terms.php?RefNo=S00010812-1A&JobSourceType=U&SourceType=60&JobSource=43]
3. **IT Infrastructure Services Section**  
(1 programmer vacancy)

**Support of mobile devices and services**

**Duties:**
- To provide operation support of mobile devices such as iPhones, iPads and MacBooks through the VMware Mobile Devices Management System.
- To assist in technical support of the mail tools, and testing of mobile apps on Apple iOS.
- To assist in testing multi-function desktop facility base on MacBook / macOS architecture.
- To assist in the upgrade projects of mobile devices and the VMware Mobile Device Management System.
- To assist in research and proof of concept of new initiatives based on Microsoft SharePoint, Exchange and document management system of other software vendors.
- To assist in administrative work, such as procurement of IT equipment and software, documentation, project logistics and filing.

**Requirement:**
- Information Technology, General Science, Business Administration, Mathematics or Engineering background.
- Elementary programming skills of any computer languages.
- Good command of English and Chinese.

**Please apply online:**  
[https://erecruit.hkma.gov.hk/E_Terms.php?RefNo=S00010811-1A&JobSourceType=U&SourceType=60&JobSource=43]
**Placement Student Programme (Settlement) 2021-2022**

Company: Hong Kong Monetary Authority

Division: Settlement Section

Salary: HK$ 10,500 per month

Benefits: Medical and dental benefits

No. of vacancy: 1

Duration of placement: 13 months (around 1 June 2021 to 30 June 2022)

Deadline for application: 13 March 2021

Interview period: March to April 2021

Application method: Apply online

[https://erecruit.hkma.gov.hk/E_Terms.php?RefNo=S00010809-1A&JobSourceType=U&SourceType=60&JobSource=43]

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**Duties:**

- To assist in system support for the major systems used in the Settlement Section such as:
  - internal and external trades processing and settlement systems;
  - Real Time Gross Settlement Systems;
  - SWIFT;
  - IntelliMatch system for account reconciliations; and
  - Trade Confirmation Matching System, etc.

The system related tasks include:

- Systems maintenance tasks such as data input, verification, filing, housekeeping exercise etc.
- Daily and monthly reconciliation operations
- User acceptance testing in relation to periodic system software upgrades
- Systems connectivity test in contingency drills
- IT-related administrative tasks such as maintenance of system performance and outage statistics, processing of user profile update record, arrange equipment for meeting and presentation etc.
- Other IT related works arising from system enhancement projects

**Requirements:**

- University student majoring in Information Technology stream;
- Well versed with Microsoft Word, Excel and Powerpoint;
- Knowledge and experience in macro programming using Excel preferred;
- Good oral and written communication skill;
• Self-motivated, well-organized and able to work independently; and
• Diligent and attentive to details
Placement Student Programme (Supervisory Technology Division) 2021-2022

Company: Hong Kong Monetary Authority
Division: Banking Supervision Department (Supervisory Technology Division)
Salary: HK$ 10,500 per month
Benefits: Medical and dental benefits
No. of vacancy: 1
Duration of placement: 13 months (around 1 June 2021 to 30 June 2022)
Deadline for application: 13 March 2021
Interview period: March to April 2021
Application method: Apply online [https://erecruit.hkma.gov.hk/E_Terms.php?RefNo=S00010816-1A&JobSourceType=U&SourceType=60&JobSource=43]

Duties:

- To provide support for supervisory technology project (e.g. user requirement collection, user acceptance test, functional support to users).
- To provide support for efforts to promote regulatory technology adoption in Hong Kong (e.g. organising industry events).
- To conduct research in areas such as latest development of supervisory and regulatory technologies, the latest trend in data science, any other relevant topics.
- To assist in performing data analysis and developing dashboards using data analytics tools.
- To assist in performing user acceptance tests on new templates/reports.
- To assist in preparing presentation and training materials.
- To provide administrative support to the team.
- To assist in other ad-hoc tasks assigned by his/her supervisor.

Requirement:

- Major in computer science, information systems, data science or related disciplines
- Knowledge in data analytics tools (e.g. R, Python, Tableau, etc.), SQL is an advantage
- Experience in Microsoft Office tools
• Knowledge to financial and banking industry is a plus
• Proactive, hard-working, attentive, and capable of self-directed learning
• Good organization and communication skills
• Good command of written and spoken English and Chinese
Placement Student Programme (Technology Risk) 2021-2022

Company: Hong Kong Monetary Authority
Division: Banking Supervision Department (Technology Risk Team)
Salary: HK$ 10,500 per month
Benefits: Medical and dental benefits
No. of vacancy: 2
Duration of placement: 13 months (around 1 June 2021 to 30 June 2022)
Deadline for application: 13 March 2021
Interview period: March to April 2021
Application method: Apply online [https://erecruit.hkma.gov.hk/E_Terms.php?RefNo=S00010800-1A&JobSourceType=U&SourceType=60&JobSource=43]

Duties:

- To assist in conducting researches in areas of business continuity planning, cyber security, e-banking, Fintech, outsourcing and cloud computing and technology risk management;
- To maintain and support the Independent Compliance Assessments (ICA) and Cyber Resilience Assessment Framework (C-RAF) processes, including administration, distribution, collection and MIS reporting;
- To assist in consolidating returns and compiling MIS reports related to technology risk;
- To assist in handling reports of operational incidents, fake bank websites and phishing emails;
- To assist in other ad-hoc tasks where necessary; and
- To provide administrative support to the team.

Requirement:

- Major in computer science, information system, finance/accounting or equivalent discipline;
- Microsoft Excel, Access and Visual Basic programming skill;
- Self-motivated, hardworking, attentive, dedicated to work and proactive;
- Good organization and communication skills;
- Conversant with office software i.e. Windows, Office and Chinese word processing; and
- Good command of written and spoken English and Chinese.
Placement Student Programme (IT) 2021-2022

Company: Hong Kong Monetary Authority
Division: Information Technology Division
Intended remuneration: HK$ 10,500 per month
Benefits: Medical and dental benefits
Total no. of vacancy: 1
Duration of placement: 13 months (around 1 June 2021 to 30 June 2022)
Deadline for application: 13 March 2021
Interview period: March to April 2021
Application Method: Apply online
[https://erecruit.hkma.gov.hk/E_Terms.php?RefNo=S00010817-1A&JobSourceType=U&SourceType=60&JobSource=43]

IT Infrastructure Services Section - Support of virtualization and cloud platform

Duties:
- To assist in implementation of the virtual desktop infrastructure, server virtualization, and private cloud system.
- To assist in research and evaluating the latest IT security products and technologies.
- To assist in digitalising daily workflow to meet green initiatives.
- To assist in administrative work, such as procurement of IT equipment and software, documentation, project logistics and filing.

Requirement:
- Computer science or Mathematics background.
- Hands-on programming experience in MS Windows or Linux/GNU is desirable.
- Basic programming skills in Java and one scripting language, such as Python, Javascript, Powershell, or JSON is desirable.
- Knowledge of MacOS, Lotus Notes and database system is an advantage.
- Familiar with using open source tools is desirable.
- Good command of English and Chinese.