Horace Hon Chuen Yau

PERSONAL INFORMATION

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CAREER OBJECTIVE

I am an experienced technical team leader in Hong Kong Stock Exchange and Thomson Reuters for more than fifteen years, focusing on the market data segment project delivery of the financial industry. Major clients include international investment banks, retail banks, and media. I have good skill in financial system design, and project management, including both internal and external stakeholders. My target is to develop career on information technology for diversified industry, and to build up professional skills on system architect design, project management, and technical support.

SKILLS

DEVELOPMENT SKILLS
Development methodology: SDLC, Agile, Scrum Methodology, Squad
Operating systems: Microsoft Windows, Redhat Linux
Database: Microsoft SQL Servers, SQLite
Software development languages and tools: C++, ASP.NET, C#, VB.NET, GIT

MANAGEMENT AND BUSINESS DOMAIN KNOWLEDGE
- Manage the software development team for financial project implementation, quality assurance, and system rollout.
- Manage vendor in requirement gathering, system integration, and product supports
- Exchange Connectivity, specialized in Orion Market Data of Hong Kong Exchange
- Exchange Connectivity, including TCP, UDP, OMEX J-Gate for Osaka Stock Exchange
- Financial Market Data for Equities and Derivatives markets
- Exchange data collections and distributions

LANGUAGES

Written: English, Chinese
Spoken: English, Cantonese

CAREER

Last Position: Assistant Vice President   **Oct 2016 – Nov 2023**
Department: Market Data Systems
Company: Hong Kong Exchanges and Clearing Ltd.
    Duties:
- Key member of the Information Technology team in supporting the Market Data Systems
- Perform business requirement analyze of different market data systems

- ➤ Design and implement market data systems for HKEX securities market and exchange news, using both SDLC or Scrum methodologies
- ➤ Provide production support of various market data systems
- ➤ Manage project of China connect data for both Shanghai Stock Exchange and Shenzhen Stock Exchange
- ➤ Support daily system operation activities for market participants and information vendors
- ➤ Manage mainland China development team in programming design, quality assurance testing, and project implementation
- ➤ Manage vendor for project and system implementation and delivery

Project Highlight:
- ➤ Support **Vendor Information Management System**, CRM system to manage various market data records, including market data products, subscription programs, fee details, subscriber records, and client notice records.
- ➤ Orion Market Data Platform, suite of datafeed products for HKEX securities market
- ➤ Issue Information feed Service, real-time feed service providing trading news and announcements from listed companies

Position: Technical Team Lead   **Aug 2005 – Oct 2016**
Department: Asia Collections Technology
Company: Thomson Reuters Hong Kong Limited
Duties:
- ➤ Design and implement exchange data collections systems; targeting ultra low latency / algo-trading market segment; and also concentrate on the market data industry.
- ➤ Manage the schedule and resource of project implementation, covering the Hong Kong and Beijing teams.
- ➤ Ensure the project delivery, including the development plan, testing, and production deployment, with the use of Agile methodology.
- ➤ Business requirement review against the technical standard.
- ➤ Provide service support and troubleshooting for client issues.
- ➤ Provide technical consultancy to business analysis team.

Project Highlight:
- ➤ Elektron system for Hong Kong Stock Exchange *Orion Market Data* (Cash and Derivative)
- ➤ Elektron system for *Tokyo Stock Exchange and Osaka Stock Exchange*
- ➤ Market data system covering Shanghai-Hong Kong Connect

Major Clients:
- ➤ Bank of America Merrill Lynch, Goldman Sachs, Citibank

Position: Information Analyst   **Feb 2005 – Aug 2005**
Company: Electronic Data Systems (HK) Ltd
Duties:
- ➤ Lead the team of analyst programmers to perform system analyst and design based on SSADM methodology
- ➤ Conduct user requirement study
- ➤ Manage the schedule and resource of project implementation based on design specification

Project Highlight:
- ➤ Integrated enforcement database system for Environmental Protection Department, using C#.NET, Web Services, and Oracle as the core platform
- ➤ Business re-engineering for EPD enforcement operations.
- ➤ Document Management and Workflow system integration
- ➤ Geographic Information Systems integration

Position: Consultant   **Aug 2002 - Feb 2005**

Company: Business Solutions & Services, NEC Hong Kong Limited

Duties:
- Lead the team of software engineers to conduct user requirement study, perform system analyst and design
- Manage the schedule and resource for project implementation
- New solution business team setup at Shanghai; including recruitment, business platform setup, and leading of China engineer team.
- Business promotion at Shanghai and surrounding area in China
- Technical consultancy and training for solution team at Shanghai

Technology/Skills Highlight:
- Document Management System (DMS) and Workflow System using C#.NET, Web Services, C++, and MS SQL as the core platform
- Document Management System suite for bank and logistic customers
- Signature Inquire System and Cheque Clearing System (for HKICL)
- Call Center System

Project Highlight:
- Immigration Department, HKSAR
  Microfilm and Paper Conversion Project for the HK ID Smart Card Project
- Inward Check Clearing System for HKICL check clearing process
- Cheque Image Archive System
- DMS and Logistic Workflow System for MOL (Asia) Litd
- NEC Call Center System, with enhanced Dialogic IVRS system

Position: System Analyst   **Aug 2000 - Jun 2002**

Company: Portelco (Asia) Limited

Duties:
- Lead the team of software engineer, telecom engineer, mobile engineer to conduct system design, implementation and commission.
- Conduct user requirement analysis
- Manage the team schedule and resource
- Software / telecom vendors management

Technology/Skills Highlight:
- Mobile commerce, with using of application service provider model
- Employ unified messaging platform, including Voice, MMS, E-Mail, Fax, and PDA media
- Voice application development.
- Reuters data feed integration
- Integrate with Voice/Mobile gateway with mobile carriers

Project Highlight:
- HSBC foreign exchange alerting system
  Voice (telephony) system employing Intel Dialogic
- China Telecom auto-marketing system
  Telephony system employing and Mobile SMS alerting system

Position: System Engineer (Call Center System Integration)   **Oct 1996 – Aug 2000**

Company: PCCW

Duties:
- Computer Telephony Integration and Call Center product design and development based on Lucent and Nortel Switches

- ➢ Project testing and commissioning, including module test, functional test, system integration test, user acceptance test, and stress test
- ➢ Customer Relationship Management workflow integration
- ➢ IVRS application development and system integration

Related Telecommunication Technologies:
- ➢ Lucent / Avaya Call Center solution
- ➢ Nortel Call Center solution

Project References:
- ➢ Chase Manhattan Bank Call Center System integration
- ➢ Insurance Call Center System and Customer Relationship Management System integration
- ➢ Cathay Pacific Call Center solution for customer royalty program

EDUCATION / CERTIFICATION

Professional Scrum Master I   **2021**

Executive Diploma in Finance   **2006-2007**
The Chinese University of Hong Kong

Program highlight:
- ➢ Financial system and the role of HK in the global financial market
- ➢ Analytical techniques in financial markets
- ➢ The concepts and strategies in financial management under a corporate environment

Master of Science in Systems Engineering and Engineering Management   **1998-2000**
The Chinese University of Hong Kong

Program highlight:
- ➢ E-Commerce Systems
- ➢ Information Technology Project Management
- ➢ Project Resources Analyst and Control
- ➢ Logistic Management

Bachelor of Applied Science in Electrical Engineering,   **1992-1996**
Computer Engineering Option
The University of British Columbia, Canada.

Engineering Projects / Courses highlight:
- ➢ Real Time Controlled System
- ➢ Communication System Design
- ➢ Software Engineering Methodology

VOLUNTEERS

Registered Expeditions Instructor of The Hong Kong Award for Young People

- Leading youths in hiking, and award training for the AYP
- Mentoring the youth leadership

Lieutenant of the Boy's Brigade Hong Kong
- Leading program and community services for high school and university youths.

INTERESTS

Cross country racing, Sports climbing, Photography