Cyberdyne Tech Exchange ("CTX") is a Singapore digital asset exchange where qualified issuers and investors can issue and trade asset-backed security tokens. These security tokens are backed by curated investment grade assets such as artwork, diamonds, real estate and equity securities.

If you are looking to be part of an exciting team within the financial technology industry, we would like to hear from you. Remuneration will be commensurate with experience and qualifications.

Interested candidates are requested to write in with your detailed resume including the position that you are applying for, current and expected remuneration, and contact numbers to the below email address by 30 June 2020.

Human Resource & Administration Department
Cyberdyne Tech Exchange Pte Ltd
Email: eileen.goh@ctx.sg

We regret that only shortlisted candidates will be notified.

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**IT Security Engineer**

Our ideal candidate should have excellent organizational skills and could handle sensitive information confidentially. Desired personal traits include strong people skills, be collaborative and a can-do mindset.

**Roles and Responsibilities:**

- Implementation of IT security architecture and platforms in a cloud environment which may include access control solutions, identity and access management platforms, data protection technologies, anti-malware, vulnerability management, security monitoring and compliance tools.
- Support the development and maintenance of enterprise IT security policies, standards, methodologies and best practices for security management to ensure IT systems are designed with due considerations for security.
- Conduct regular security analysis such as penetration and platform security vulnerability scanning to prevent internal and external security incidents and attacks.
- Perform security review of cloud environment and IT systems to ensure compliance with MAS policies and standards.
- Lead in the responses to cyber incidents and assist in remediation efforts in a 24x7x365 mode of operation.
- Stay current on the latest threats and vulnerabilities to ensure the cyber defences and processes of the organisation are up to date.
Requirements:

- Tertiary Education in Engineering or Computer Science.
- 3 or more years of working experience in cyber security and risks in cloud ecosystems like AWS.
- Strong technical skills, which may include experience with Linux and Windows operating systems, scripting languages like Python, and cloud ecosystems like AWS.
- Relevant certifications in cloud, networking or cyber security, e.g. AWS, CISSP, CISM, CISA preferred.
- Knowledge of DevOps techniques and Agile practices preferred.
- Must have good interpersonal communication skills (written and oral).
- Highly analytical and able to work independently.
- Good strategic thinking, quantitative analysis, collaboration, problem solving, judgment, decision-making skills.

Software Engineer

We are looking for a driven individual who is passionate about Web and API solutions. The engineer is responsible for the design/coding, developing/maintaining the system, user acceptance and testing, as well as post go-live activities. The individual works closely with other IT/Finance/HR/Operations Departments to align with company direction. Preference will be given to those with experience in either securities trading, derivatives, or cryptocurrencies and blockchain.

Our ideal candidate should have excellent organizational skills and could handle sensitive information confidentially. Desired personal traits include strong people skills, be collaborative and a can-do mindset.

Roles and Responsibilities:

- Design, code and deliver Web and API application for our trading system.
- Design and build interfaces and connectivity solutions to clients and financial institutions.
- Develop and maintain system using Continuous Integration and Continuous Delivery (CICD) pipeline.
- Manage User Acceptance, Non-functional and Industrial Wide testing.

Requirements:

- Graduate with degree in Computer Science or equivalent.
- Able to communicate effectively in both English and Mandarin.
- Demonstrable coding experience of ideally 3+ years.
- Familiar with RESTFUL API and micro services concepts.
- Hands on experience in Linux, Spring Boot framework, Java, JavaScript, SQL.
- Experience in automated deployment & testing using CICD tools, e.g. Jenkins, Gitlab, Katalon, Selenium etc preferred.
- Hands on experience in AWS Cloud technologies and container services such as API Gateway, EC2, RDS, S3, EKS, ECR, etc preferred.
- Accustomed with Agile methodology and work culture.
- A fast learner, passionate about technology, processes.
- Result focused, diligent and a collaborative team member.
- Experience in securities exchange, derivatives trading, cryptocurrencies and blockchain would be an added advantage.
Team Lead / AVP / VP
Product Application Development

We are looking for a driven individual who is passionate about Blockchain, Securities Trading and Fintech. The candidate shall understand the strategic business needs and plans for growth of the Product Application ecosystem to support these needs. He/she shall analyse the design of technical systems and business models and enhance the quality of IT products and services. The candidate will work closely with other Departments to provide system support; and to align with company direction.

Our ideal candidate should have the capability to function in a complex and in a dynamic environment. The individual should have excellent organizational skills, and the ability to handle sensitive information confidentially. Desired traits include desirable leadership mindset with strong people skills, collaborative and a can-do mindset.

Roles and Responsibilities:

- Responsible for the company's product planning, analyze users according to industry development, market trends, competition trends and user groups, collect and mine user needs, and reasonably plan the scope of demand.
- Manage the Business Application team to oversee application development and project management to ensure timely deployment and smooth operations of the IT systems in accordance with IT policies and technology standards.
- Lead the product planning according to the company's product and business development direction, complete planning and grasp of product technology research and development architecture, and ensure the high availability, high scalability and high performance of the technical architecture;
- Comprehend the core value of the product to drive product innovation, and ensure that product functions meet user needs;
- Define product functions, be responsible for the management of product requirements, collect, refine, and organize user requirements, and write product requirement documents;
- Work closely with multiple teams such as business development, testing, and operations to control product R & D project nodes, continuously improve product user experience, provide corresponding product training for business departments, ensure iterative and efficient version functions, and promote product goals;
- Continuously monitor/analyze user feedback and data analysis results after the product "go live", and roadmap improvement plans.
- Responsible for analyzing the company's overall business system technical architecture, and responsible for implementing the technical architecture control development, leading the team to R & D for core modules, and responsible for the architecture performance.
- Develop and continuously refine the architecture design of the solutions according to business requirements, and the split design of horizontal and vertical modules, so that the solution architecture is scalable as the business develops.
- Establishment an internal development platform that is robust and caters to the business needs.
- The management application team is responsible for application development and project management to ensure that IT systems that are deployed and operated in a timely manner comply.

Requirements:

- Bachelor degree or above in computer related major, at least 8 years of product technology team management experience.
- Strong knowledge of the operation mode of an exchange and be familiar with customers and investors of securities and derivative product trading institutions.
- Excellent innovative thinking, strong product design ability, and sensitive to user experience.
- Equip with technical research ability, lead and supervise the R & D team to implement according to the structure to ensure the accuracy of R & D direction.
- Solid software development capabilities, familiar with the mainstream Java development technology framework, and related technologies for internet architecture development.
- Background in security management for complex, high availability environments.
- Familiar with microservice architecture, understand microservice design concepts, and be
familiar with mainstream microservice technology framework.

- Strong analysis and communication management, can build consensus with business and technical teams.
- Support Nasdaq financial framework, especially matching engine and market supervision, microservices and AWS.
- Desirable leadership mindset and capabilities, with the ability to effectively collaborate across all departments.
- Result-oriented, diligent and excellent team spirit.

Human Resources Generalist

We are looking for a professional individual who is passionate about creating a nourishing workplace, to provide support in all human resources and office administration areas. You will perform a variety of human resources, personnel and office administrative tasks and will act as the first point of contact for related queries from employees and external parties.

Roles and Responsibilities:

- Support end to end recruitment cycle from sourcing to arranging for interviews.
- Provide support in day-to-day HR Operations such as on-boarding / off-boarding of employees, maintaining of personnel records, application for government grants, claims and work passes.
- Coordinate external training program with various organisations.
- Maintain HR documents and forms like employment contracts, employee handbooks, and HR policies and procedures.
- Perform common office administrative tasks.
- Liaise with external partners such as universities, government organizations and vendors.
- Maintains a positive and friendly company image by acting as the first line of contact for related queries from employees and to external parties.
- Any other ad-hoc duties as may be assigned.

Requirements:

- Bachelor degree, preferably in Human Resource Management.
- Relevant work experience in HR generalist / operations and office administration. New graduates will also be considered.
- Proficient with Microsoft Office Applications (Word, Excel, and PowerPoint).
- Excellent organizational and time management skills.
- Strong analytical, interpersonal and communication skills with a positive attitude and take ownership in the roles and projects.

Marketing Communications Executive

We are looking for a driven individual who is responsible for all marketing and communication matters in accordance with company’s direction and policies. The candidate will play an important role to build and raise company’s brand and affinity with our customers.

Our ideal candidate should have excellent organizational skills and has the ability to handle sensitive information confidentially. Desired personal traits include strong people skills, be collaborative and a can-do mindset.

Roles and Responsibilities:

- Responsible for all marketing and communications activities including but not limited to corporate branding, product launches, creating campaigns, PR and events.
• Work closely with internal and external stakeholders to develop and implement strategic media engagement plans.
• Build relationships with external stakeholders to raise the company's brand awareness.
• Manage all online communications including website and social media platforms.
• Ensures consistent messaging in media releases and various media touchpoints.
• Collaborate with external partners, such as creative and media agencies, for timely delivery, effective results and performance.
• Keep up to date with digital technology and financial services trends.

Requirements:

• Bachelor’s Degree in marketing / Communications / PR with 2-3 years of relevant working experience
• Well-versed in both English and Mandarin to liaise with Chinese speaking associates
• Strong communications and interpersonal skills
• Creative, meticulous and resourceful
• Passionate to drive innovation and brand growth
• Excellent organizational, project and time management skills to meet tight deadlines
• Strong abilities in digital marketing tactics with experience planning and/or speaking at local events
• Result focused, diligent and a collaborative team member