

Opportunities in Shanghai

Technology & Data Summer Internship Program

MORGAN STANLEY OVERVIEW

Morgan Stanley is a global financial services firm offering a complete range of sophisticated financial services to a large and diversified group of clients and customers. Our multi-billion dollar investment in technology enables the development and delivery of quantitative trading systems, modeling and simulation software, analytics and security systems. Developing the state-of-the-art technology behind the industry's first auction-based initial public offering (IPO), customizing client technology solutions for hedge funds and money managers, and leading the way on the use of virtualization technologies, are just some of the achievements that have put Morgan Stanley at the forefront of technology innovation.

MORGAN STANLEY CHINA

Morgan Stanley has built a successful franchise in China, having worked with many clients over the years. Morgan Stanley became the first international securities firm to participate in China's first joint venture investment bank, China International Capital Corporation Limited, in 1995. The Firm is also the first among its peers to have acquired 100% of a domestic bank in China, previously known as Nan Tung Bank Ltd. Zhuhai, in 2006. The bank is now called Morgan Stanley Bank International (China) Limited. Morgan Stanley is an advisor on many of China's most complex and groundbreaking transactions, such as China Construction Bank's USD9.2 billion IPO in 2005. Our Shanghai office has approximately 350 employees in Morgan Stanley Properties, Equity Research, Investment Banking, Equities, IDEAS Practice Areas, Technology & Data and Operations divisions.

TECHNOLOGY & DATA OVERVIEW

Enterprise Infrastructure is the technology group responsible for the production operations and engineering for the essential technology used globally across the Firm. It covers data centers, voice and data networking, wireless

technologies, server and database operations, support for 50,000+ desktops and laptops, and tens of thousands of distributed servers and multiple mainframes. Responsibilities include maintaining extremely high standards of availability, and managing the security and contingency planning for the environment. EI provides shared services to all lines of business across Morgan Stanley, and is heavily involved in corporate acquisitions and joint ventures to ensure consistency of the technology platform for the business, and supports the safe and efficient operation of the combined technology infrastructure.

Our infrastructure facing teams are tasked with developing systems to run our business. Our engineers provide tools, applications and platforms such as the Firm's networks, computing hardware, operating systems, and databases for the Firm's trading applications, communication applications and other end user applications. As a large and global environment, these teams are tasked with providing applications that span the breadth of the Firm in an efficient manner. Engineering the Firm's websites, managing the Windows plant, and developing a client reporting delivery system are some of the projects available for infrastructure engineers in our organizations.

Corporate Technology designs and develops systems, integrates applications, and provides other technology services to enterprise-wide divisions such as Finance, Corporate Services, Human Resources, Legal & Compliance, and Firm Risk Management.

- **Finance:** provide innovative solutions for regulatory and financial reporting, general ledger, profit & loss calculations, securities bookkeeping, budgeting, planning & forecasting, and tax filing. The group leverages a state-of-the-art multi-terabyte financial data warehouse as one of its main assets to service the firm's Finance Division.

- **Human Resources and Corporate Services:** leverage both in-house developed software solutions and third party packages in support of the firm's compensation, benefits, payroll, performance management, business administration, spend management, real estate, space management, project management, travel, corporate security functions and many others.
- **Legal & Compliance:** provide technology solutions in support of the identification and oversight of the Firm's legal, compliance and related franchise risks, including key functions such as anti-money laundering, email surveillance, employee registration, outside business interests, employee trading, regulatory disclosures and trade surveillance.
- **Firm Risk Management:** provide an integrated platform called RiskVision for the Market and Credit Risk Departments that supports measuring, analyzing and reporting the risk profile of the Firm. RiskVision provides value-at-risk and regulatory capital calculators, a stress testing framework and tools for exposure aggregation, reporting and data analysis.

Our development teams are tasked with designing, developing and maintaining applications used by our business units. Daily activities include meeting with clients to gather and analyze requirements; making system design decisions; evaluating, integrating and developing necessary software; and testing and deploying applications to production. Many of the applications leverage data from across the firm giving people exposure to many areas of the firm.

Currently, several major systems such as are being renovated offering opportunities to use leading-edge technologies as well as understand the business workflows. The Shanghai team has expanded significantly in the past 2 years to assist on these efforts.

TECHNOLOGY SUMMER INTERN PROGRAM

The 10 week Technology Summer Intern Program is designed to develop highly motivated junior technologists who partner with the business units to solve complex problems through the appropriate use of technology. Technology Summer Interns are recruited and placed on a specific development team for the duration of the internship. You will be using innovative technology. More than 50,000 employees and many customers need easy access to our back-end platforms.

Our software is developed on Windows, UNIX and Linux, using Java, C++, C# and Perl. Our developers leverage third-party infrastructure as well as infrastructure developed

in-house - relational databases, global XML/SOAP messaging infrastructure, high-availability clusters, and massively scalable distributed systems.

Former Summer Interns have worked on projects involving our enterprise portal, wireless access, or components of our many trading and risk-reporting systems using various technologies, such as .NET, JSP, Java Servlets and SOAP.

High-performing Summer Interns may receive an invitation to extend their internships into part-time internships throughout the fall semester. Those same interns may also receive an invitation to interview for a full-time position as a Morgan Stanley technologist in the Technology Training Program. The Summer Program provides a solid foundation on which to build a career in technology at Morgan Stanley.

REQUIREMENTS

- Candidates must graduate from January to July in 2011.
- Candidates must be pursuing a Bachelor's, Master's or Doctorate degree in Computer Science, Computer Engineering, Electrical Engineering, Information Science and Technology, Software Engineering, Mathematics, Physics, or a related science or engineering discipline that is particularly relevant.
- Candidates should be comfortable with a programming language (C, C++, C#, Perl, or Java) to be considered for our application development internships.
- Candidates should possess excellent problem-solving and analytic skills, outstanding academic performance, strong communication skills and the ability to work as part of a team.
- Consideration for our programs requires written and spoken English proficiency.

SELECTION PROCESS

All candidates will need to apply online via below link before the deadline. Candidates will be chosen for a written test on the basis of their technical skills and work experience demonstrated on their resume. Those selected after the test will be invited to a phone interview. Those selected after the phone interview will be invited to attend an on-site Assessment Center, which is our final round of evaluation.

[Application Deadline: March 26, 2010](#)

Learn more and apply at www.morganstanley.com/careers/recruiting