Introductions

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Facts about Ernst & Young

► $24.5 billion in revenue
► 135,000 people
► More than 640 locations in 140 countries
► Serving clients from startups to multinationals in every industry

What we do

► Advisory
  ► IT Risk & Assurance
  ► Performance Improvement
  ► Risk
► Assurance
  ► External Audit
  ► Fraud Investigations & Dispute Services
► Tax
  ► Advisory, reporting and operations
► Transactions
  ► Helping clients evaluate, plan and execute transactions
► Specialty Sub-Service Lines
  ► Including the Financial Services Office
What are we looking for?

► Integrity
► People who excel
► Respect
► People who are good at working in teams
► People with energy, enthusiasm and the courage to lead
► People who thrive on challenge

Programs

► Mentorship
► Summer Leadership Program
► Internship
► Horizon Internships
► Global Student Exchange Program
Technology Services for the Financial Services Industry

- Our technology capabilities are based on significant demand from our clients in key strategic areas:
  - Finance
  - Risk
  - Operations
  - Compliance
  - Security
  - Data Management
- We connect business and technology to more effectively enable our financial services clients' businesses.
- Our solutions focus on the deep integration of functional, process and technology knowledge.
- We work closely with a number of strategic technology software and service providers to create an integrated delivery team.

Information Management and Analysis Services

We help our clients manage the collection, storage, use and quality of information and enable information intelligence to meet business needs.

Business Intelligence
- Helps realize the full potential of data through effective reporting and analysis and key metrics. Our services range from discrete projects to full implementation of a report and analytics application, transforming data from a cost center into a competitive advantage.
- Our services include:
  - Business intelligence strategy and analysis
  - Discrete reporting and analysis
  - Business intelligence technology evaluation, selection and implementation

Data Analytics
- Helps solve business problems using advanced data analysis techniques and leveraging technologies to process large volumes of data to perform complex computations in a scalable, reproducible and automated manner. Our services include:
  - Compliance evaluation
  - Risk analytics
  - Statistical model analytics
  - Process and control analytics
  - Fraud and forensics

Data Quality and Governance
- Helps our clients better manage enterprise data and build confidence in its accuracy and reliability by executing data governance policies and standards.
- Our services include:
  - Processes and procedures for sustainability
  - Data remediation and conversion
  - Organizational models and frameworks
  - Data accessibility, availability, integrity and consistency
  - Data security and availability
  - Data quality control

Data Management
- Develops strategic information plans and blueprints for collecting, storing, maintaining, recalling and using data through the full data lifecycle. Our services include:
  - Metadata management
  - Information strategy, architecture and roadmaps
  - Data warehousing (to include ODS, DWH, DM)
  - Master data management
  - Information lifecycle management
  - Data architecture
Solution Enablement Services

We help our clients with architecture, solution assessment, vendor application evaluation and implementation services.

Credit Risk Technology Services
Provide solutions related to our clients' credit risk and economic capital management processes.
Select services include:
- Basel reporting frameworks
- Risk-based pricing solutions
- Capital calculations

Finance Technology Services
Provide solutions related to the efficient design and improvement of our clients' finance architecture and systems including:
- Basel reporting frameworks
- General ledgers
- Consolidaion solutions
- Planning/budgeting/forecasting tools

Compliance Technology Services
Provide solutions related to our clients' regulatory mandates around fraud, trading activities, anti-money laundering, electronic messaging and governance/controls (GRC).
Sample services include:
- Transaction monitoring systems
- Know your customer (KYC) solutions
- Case management tools
- Messaging retention and management constructs

Trading and Market Risk Technology Services
Provide solutions related to our clients' front-to-back trade lifecycle processing, subledger accounting and trading risk platform integration requirements.
Sample services include:
- Order management systems
- Trading subledgers
- Valuation engines
- Trading/risk systems integration

Operations Technology Services
Provide solutions related to the efficient design, implementation and improvement of our clients' operations architecture and systems. We implement CRM and other solutions that help improve operations and generate revenue opportunities.
Sample services include:
- Package implementation
- End-to-end testing
- Custom solution design and development

Technology Strategy Services
Establish a business-driven vision for the future of our clients' IT systems, processes and infrastructure, and a roadmap to achieve that vision.
Our services include:
- IT strategy
- Application portfolios planning and management

Technology Management Services
Assess IT processes for completeness, maturity and quality of services. Leveraging industry standards and our reference model, we work closely with our clients to define, document and adopt improved technology processes.
Our services include:
- IT process maturity assessment
- Process improvement definition and adoption planning
- Control-driven process improvement

Technology Architecture Services
Develop a structured view of the function and interaction of the application and infrastructural components of the future state. Architectures guide decision-making and facilitate the long-term achievement of the strategic vision.
Our services include:
- Application architecture
- Data architecture
- Infrastructure architecture

Technology Infrastructure Services
Assess and improve the effectiveness of technology infrastructure. We evaluate its ability to deliver service in line with business needs and advise clients on design, risk and “green” considerations of data center consolidations and construction.
Our services include:
- Infrastructure resiliency
- Data center risk advisory
- Data center consolidation planning
- Command center performance improvement
- Green data center advisory

Strategic Technology Advisory Services

We help our clients assess and improve how technology enables the business in an effective and efficient manner.

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Day one at Ernst & Young
Technology Security Services

We help our clients assess, design, implement and maintain a secure and high performance business environment.

Security Monitoring
Designs and implements security solutions to monitor the efficiency and effectiveness of security operations, controls and infrastructure. Our services include:
- Security operations
- Security assessments
- Testing services
- Patch management
- Antivirus applications
- IPS, HIDS and NIDS
- Controlled logging and monitoring

Security Management
Designs and implements security policies, procedures and standards that describe pragmatic, risk-based mechanisms to maintain the availability of information systems and the data processed therein. Our services include:
- Security policies
- Security procedures and standards
- Security organization
- Security awareness training

Security Strategy
Assesses, designs and implements a security strategy and governance program framework that describes the process, controls, organization and the security-related risk. Our services include:
- Data protection
- User provisioning
- Access certification
- Application security

Security Implementation
Designs, implements and integrates security solutions to address enterprise risks and exposures. Our services include:
- Security architecture
- Application security
- Security infrastructure components (e.g., firewalls, IDS and IPS)
- User provisioning
- Role management
- Access certification
- Data protection
- Cryptographic services

Technology Risk Services

We assist our clients in establishing an effective risk and control environment by assessing and improving their IT risk management and internal control processes and remediating compliance gaps.

Technology Risk and Governance
Help our clients evaluate, define, implement and manage risk technology, risk, governance and regulatory compliance programs to achieve executive priorities and address business transformation challenges. Our services include:
- Framework design
- Policies and procedures
- Risk identification and assessment
- Risk mitigation and controls
- Risk monitoring and reporting
- Training

Regulatory Technology Risk
Assess and address the technological and information security impacts of regulatory requirements affecting business processes. Our services include:
- Compliance gap assessments
- Regulatory compliance measurement

Third-Party Assurance
Prepares and issues assurance reports related to our clients' business and technology control environments. Our services include:
- SAS 70 reporting
- Financial Institution Shared Assessment Program (FISAP) agreed-upon procedures
- Syntel reporting

Technology Controls
Help our clients implement and maintain the integrity, reliability and availability of their technology environments, systems and data through our risk-based approach. Our services include:
- General and infrastructure controls
- Application controls and security assessments
- User applications
- Industry-specific applications
- Transaction Advisory Services
- Internal Audit Services
- Vendor risk management program design, analysis and vendor assessments

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  ► Picture Yourself: See what practices might work for you
  ► Interview Insider: Get advice on interviewing from Ernst & Young people
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What are your questions?