UNT Career Academy on Coursera Offerings A-Z

The UNT Career Academy on Coursera offers UNT students, faculty and staff **FREE** access to world-class professional certificates from industry leaders such as Google, Meta, IBM, Salesforce and more. Students will be allowed to complete as many certificates as they wish; however, each program is rigorous and time-consuming, so students should plan ahead! Professional Certificate programs are asynchronous, self-paced, and non-credit. Students can complete the coursework as quickly or slowly as they wish. Open to all UNT students, faculty, and staff including those in traditional, online, and Coursera based programs.

Access: https://online.unt.edu/coursera
Contact: dsi.enterprise@unt.edu

A_____

Android Developer
As an Android developer, you'll build and write code for mobile apps hosted on Android devices such as smartphones or mobile tablets. You'll be involved in the entire software development process, including designing, coding, and testing designs. You'll analyze user needs when designing the app for launch and make improvements post-launch. Android developers use programming languages like Kotlin and JavaScript to create world-class Android apps for users to enjoy.

Credentials: Meta Android Developer

Common job titles
Android Developer
Android Engineer

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Application Developer
As an Application Developer, you'll build, operate and maintain applications to run on the cloud. Application Developers share many of the same tasks as software developers. You will analyze customer or user needs, design programs, write code, tests designs, and document programs. You'll also specialize in cloud-computing tools and infrastructure to deploy and maintain applications over the internet.

Credentials: IBM Full Stack Software Developer

Common job titles
Application Developer
Fullstack Developer
Application Engineer

B_____

Back-End Developer

As a back-end developer, you'll use industry-standard tools and programming systems to build the structures that help websites function. You'll collaborate with front-end developers to integrate the visual aspects of a website while managing server-side web application logic. Back-end developers build reusable code, optimize applications for scalability, implement data storage solutions, debug, and test web applications.

Credentials: Meta Back-End Developer
            IBM Back-End Development

<u>Common job titles</u>
Back-End Developer
Back-End Engineer

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Bookkeeper

As a Bookkeeper, you'll manage a company's financial accounts, ensuring they are accurate. You'll record what money comes into and flows out of a business, such as payments to and from customers and vendors. You'll use spreadsheets like Excel or tools like QuickBooks to help record and manage this information. Bookkeepers and accountants have similar roles. You'll also focus on administrative tasks, such as completing payroll and recording incoming and outgoing finances.

Credentials: Intuit Academy Bookkeeping
            Tally Bookkeeping

<u>Common job titles</u>
Bookkeeper
Accounting Assistant
Accounts Payable Clerk

C_____

Career Coach

As a Career Coach, you'll help individuals plan their career choices through goal setting, job search guidance, workplace skills development, and more. Whether you start up your own business or are part of a larger organization, you'll provide people with skills assessments, help them explore career options, and give them feedback on their resume. You'll also guide them through the job search process and conduct mock interviews to help them succeed in their job interviews. As you gain a deeper

understanding of how to support people's career needs, you'll be able to share additional training resources to help them achieve their goals.

Credentials: Goodwill Career Coach and Navigator

<u>Common job titles</u>
Career Counselor
Career Advisor

Customer Service Representative

As a Customer Service Representative, you'll interact with customers to answer questions and resolve problems through various channels such as in-person, over the phone, or online. You'll also troubleshoot technical issues related to equipment or software and keep records of all customer interactions and transactions. Using strong communication and listening skills to identify concerns and evaluate needs, you'll help provide quality service to customers. You'll also analyze problems and provide solutions, while proactively looking for potential relationship development and upselling opportunities. A Customer Service Representative adheres to policies and procedures while supporting the organization's goals and values.

Credentials: CVS Health Call Center Customer Service
            CVS Health Retail Customer Service

<u>Common job titles</u>
Customer Service Representative
Customer Service Associate
Customer Service Specialist
Service Advisor

Cybersecurity Analyst

As a Cybersecurity Analyst, you'll protect your company's hardware, software, and networks from theft, loss, or unauthorized access. You'll help defend against cyber threats, and respond to security breaches when they do happen. At a small company, you might perform many tasks. At larger ones, you might specialize as part of a security team. You'll need familiarity with operating systems like Windows, Mac, and LinUX and experience with firewalls, VPNs, proxies, and security and information event management systems.

Credentials: Microsoft Cybersecurity Analyst
            IBM Cybersecurity Analyst
            Google Cybersecurity

Information Security Analyst
Security Analyst
Cyber Security Analyst

D_____

Data Analyst

As a Data Analyst you'll identify, extract, analyze and visualize data to communicate insights using tools like Python, R, SQL, Excel and Tableau. Knowledge of applied statistics, and visualization will enable you to work with any data set and contribute to data-driven solutions. You might work in business, finance, government, science or healthcare, anywhere data is used to solve problems.

Credentials: Google Data Analytics
IBM Data Analyst
IBM Data Analytics with Excel and R

Common job titles
Data Analyst
Data Specialist
Business Analyst

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Data Engineer

As a Data Engineer, you'll design and build systems for collecting, storing, and analyzing data at scale. Your goal is to convert raw data into usable information for data scientists and data analysts to interpret. You will acquire datasets, develop algorithms to transform data, and build, test and maintain databases. Data engineers rely on strong programming and problem-solving skills to create scalable solutions to work with large volumes of data from many sources.

Credentials: Meta Database Engineer
IBM Data Engineering

Common job titles
Data Engineer
Big Data Engineer
Azure Data Engineer

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Data Scientist

As a Data Scientist, you'll use data to explain what happens around you, make predictions, and help organizations make better decisions. You'll develop models and incorporate advanced programming to find and analyze raw data. You'll use probability,

statistics, mathematics, and computer science to make predictions and use tools like R and Python to help visualize it.

Credentials: IBM Data Science

<u>Common job titles</u>
Data Scientist
Data Scientist I
Data Scientist II

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Data Warehouse Developer

As a Data Warehouse Developer, you'll build and maintain systems to transform and store large amounts of structured data for data analysts to develop Business Intelligence (BI). You'll create systems for processing or retrieving data to analyze company operations and address security and privacy requirements. You'll work with data analysts, data scientists, product management, and senior data engineering teams to meet data needs and power business insights.

Credentials: IBM Data Warehouse Engineer

<u>Common job titles</u>
Datastage Developer
Data Warehouse Developer
Data Management Specialist

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DevOps Engineer

As a DevOps Engineer, you'll coordinate the activities of different software development teams to optimize the software development cycle. The term 'DevOps' is short for "development operations". Your goal is to break down silos between teams, and automate steps to improve and enhance how software is built, maintained and updated. You'll need a range of skills including coding, mathematics and analytical thinking, project management and experience with computer and network systems in this role.

Credentials: IBM DevOps and Software Engineering

<u>Common job titles</u>
Devops Engineer
DevOps Software Developer
Azure Devops Engineer

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Digital Marketer

As a Digital Marketer, you'll develop digital marketing plans and strategies for businesses through channels including social media, search engine optimization (SEO), and email. Digital Marketers partner with other teams on integrated campaigns to ensure a coordinated voice across all channels. You'll develop, execute, and optimize effective multi-channel digital marketing strategies to drive new visits and increase market share. You'll create and evaluate digital marketing KPIs, and develop optimization plans to continually improve results.

Credentials: Google Digital Marketing & E-commerce

Common job titles
Marketing Coordinator
Digital Marketing Specialist
Marketing Associate

F_____

Front-End Developer
As a front-end developer, you'll design and develop the look, feel, function and experience of a website. You'll be responsible for developing features with users in mind while ensuring design maintains brand consistency. A front-end developer writes reusable code that is optimized for speed and scalability using programming languages like HTML, CSS, and JavaScript, in addition to building web designs that work well for smartphones. Developers also review code and troubleshoot technical issues.

Credentials: Meta Front-End Developer
*   IBM Front-End Developer*

Common job titles
Front-End Developer
Front-End Engineer

H_____

Human Resources Specialist
As a Human Resource Specialist, you will be responsible for recruiting, screening, interviewing, and placing individuals within an organization, while also engaging in various other human resources (HR) activities. This includes interpreting and explaining policies, procedures, laws, and regulations to employees, as well as handling the hiring process and associated paperwork. Your responsibilities would include staying updated on Equal Employment Opportunity (EEO) and affirmative action guidelines, such as the Americans with Disabilities Act (ADA) and others. Additionally, you will be responsible

for maintaining accurate employment records and addressing employee relations issues, including harassment allegations, work complaints, and other concerns raised by employees.

Credentials: HRCI Human Resource Associate

<u>Common job titles</u>
HR Specialist
HR Generalist
HR Consultant
Staffing Coordinator

iOS Developer
As an iOS developer, you'll build and write code for mobile apps hosted on iOS, an operating system used on Apple devices like iPhones and iPads. You'll be involved in the entire software development process including designing, coding, and testing designs. You'll analyze user needs when designing the app for launch and make improvements post-launch. iOS developers create engaging iOS apps within the Xcode program using the Swift programming language developed by Apple.

Credentials: Meta iOS Developer

<u>Common job titles</u>
iOS Developer
iOS Engineer

IT Project Manager
As an IT Project Manager (PM), you'll be responsible for overseeing various projects in the information technology industry, including the development of new products and the enhancement of technology and systems. You will work closely with project management teams to establish clear project objectives and deliverables, define project scope, and set goals. Throughout the project lifecycle, the IT PM executes project plans, estimates time requirements, monitors milestones, and ensures projects are completed within designated timeframes and budgets. You'll also identify areas for improvement, manage risks, allocate resources, maintain project documentation, and engage with stakeholders to discuss project progress and requirements, employing Agile or Lean project management tools when appropriate.

Credentials: IBM IT Project Manager

IT Support Specialist

As an IT support specialist, you'll support, install, fix, and maintain hardware and software for an organization's computer systems and networks. You might also work across a variety of industries, from government to education to health care to private tech companies, anywhere an organization uses computer systems.

Credentials: Google IT Support
IBM IT Support

Common job titles
IT Support Specialist
Help Desk Technician
IT Support Technician

M_____

Mainframe Developer

As a Mainframe Developer, you'll create and maintain applications for mainframe systems. Mainframe systems are high-performance computers with large amounts of memory and processors. Mainframes power many financial, banking, and government agency systems. You'll write and test code, perform maintenance on applications, and collaborate with other developers and systems engineers to ensure proper functioning. You'll use tools and coding languages like VS code, JCL, Python, and COBOL and develop a deep understanding of business processes.

Credentials: IBM Mainframe Developer

Common job titles
Mainframe Developer
Mainframe Programmer
Mainframe Programmer/Analyst

Marketing Analyst

As a Marketing Analyst, you'll conduct research to determine what customers want, need, and think. You'll gather data on consumer demographics, preferences, needs, and buying habits to help a company position and sell its products or services. Marketing Analysts also use tools like SQL and Python to analyze data to segment audiences, check campaign results, and optimize marketing tactics.

Credentials: Meta Marketing Analytics

<u>Common job titles</u>
Business Development Associate
Marketing Analyst
Sales Analyst

N_____

Network Engineer

As Network Engineer, you'll be responsible for monitoring, troubleshooting, and maintaining networks in a 24/7 environment. You'll develop and execute systems and processes to ensure the stability and security of the network. Working as part of a global team, you'll gain exposure to large-scale networks and have the opportunity to continually learn and enhance your troubleshooting and deployment skills. Responsibilities include monitoring network traffic, handling platform-affecting issues, deploying software updates, documenting platform issues, and performing hardware installations and repairs. You'll also collaborate with cross-functional teams and interact with datacenter network operations centers (NOCs) to ensure optimal network performance.

Credentials: Akamai Network Engineering

<u>Common job titles</u>
Network Analyst
Network Consultant
Solutions Architect

P_____

Project Manager

As a Project Manager, you'll run many types of initiatives, like running a marketing campaign, constructing a building, developing a computer system, or launching a new product. You'll organize, plan, and execute projects on a budget and timeline. You will lead teams, define goals, and communicate with stakeholders, developing expertise through on-the job-experience. Certification in a project management methodologies, like Agile, provide best practices to guide project execution.

Credentials: Google Project Management
           IBM Project Manager

<u>Common job titles</u>
Project Manager
Project Director

Implementation Manager

S_____

Sales Development Representative
As a Sales Development Representative, you'll be on the front lines of businesses, connecting with customers and offering the right solutions for their problems. You'll have a variety of responsibilities, which may include reaching out to interested new clients. You'll understand a prospective client's challenges and interests.

Credentials: Salesforce Sales Development Representative

Common job titles
Business Development Representative
Sales Representative
Sales Development Representative

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Sales Operations Specialist
As a Sales Operations Specialist, you'll help sales and marketing teams optimize the sales process. You will use Customer Relationship Management (CRM) tools like Salesforce or Hubspot to collect and analyze data to help sales teams sell more effectively and efficiently. Sales operations specialists also help onboard new salespeople, strategize on process improvements, and coordinate and lead team meetings.

Credentials: Salesforce Sales Operations

Common job titles
Sales Representative
Sales Operations Specialist
Sales Executive

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Sales Representative
As a Sales Representative, you'll sell products and services while building client relationships and generating leads. You'll need to understand customer needs and show how your products and services meet those needs. As the main point of contact between a business and their clients, Sales Representatives work to negotiate and close contracts. Sales Reps use tools like Customer Relationship Management (CRM) software to attract, manage and keep customers.

Credentials: HubSpot Sales Representative

Sales Representative
Retail Sales Specialist

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Social Media Marketer

As a Social Media Specialist, you'll use social media platforms to drive brand awareness and help drive sales. You'll create content and campaigns to help a company stand out on platforms like Facebook, Instagram, Twitter, Tiktok, and many others. You'll also use digital tools to analyze social media trends, target different audiences and track the success of your campaigns.

Credentials: Meta Social Media Marketing

Common job titles
Social Media Specialist
Social Media Coordinator
Social Media Marketer

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Solutions Architect

As a Solutions Architect, you'll work closely with clients to implement and provide ongoing support; utilizing tools, processes, and expertise to integrate and maintain solutions. You will play a crucial role in delivering end-to-end project solutions, from design to implementation and testing, while collaborating with cross-functional teams and staying up-to-date with cutting-edge technologies. You'll also diagnose and resolve complex technical issues – proactively mitigating risks to minimize service disruptions for top internet companies. You'll take ownership of technical aspects, act as a proactive consultant, and collaborate with internal teams to ensure customer success, manage incidents, and handle escalations.

Credentials: Akamai Customer Consulting and Support

Common job titles
Sales Engineer
Technical Sales Engineer
Product Support Engineer
Solutions Engineer

T_____

Technology Consultant

As a technology consultant, you'll provide clients with strategic guidance on the use of technology and IT infrastructure to help them meet their business objectives. You'll combine your passion for technology and problem solving to help businesses optimize operations and improve processes. You'll conduct an analysis of the business needs and requirements, use your expertise to design a technical solution for the client, and integrate their feedback to finalize the solution before implementation. You'll work with stakeholders to implement, monitor, QA test the new solution, and work with the client's in-house IT staff to resolve technical issues.

Credentials: SAP Technology Consultant

Common job titles
Technical Consultant
Information Technology Consultant
Technology Strategy Consultant

U_____

UX Designer
As a UX Designer, you'll focus on the interaction between users and products, like websites, apps, and physical objects. You'll make products easy to use and enjoyable by empathizing with users, defining pain points, and creating solutions. Using tools from simple paper designs to digital tools like Figma and Adobe XD - you'll create prototypes and test designs. You'll collaborate across departments to bring products to market and improve customer experience.

Credentials: Google UX Design

Common job titles
UX Designer
UI Developer
UI/UX Designer