# **ACADEMIC OVERVIEW**



## TRAINING SPECIALTIES IN CHICAGO

At Year Up Chicago, students will have training in one of the following specialties. Internship roles often correspond with the specialized training.



#### CYBER SECURITY

Our Cyber Security curriculum provides students with a theoretical and practical understanding of the impact of cyber security and techniques for identifying and securing network communications. Training includes background on the components of a personal computer, functions and types of operating systems, the importance of cyber security to businesses and government organizations, an introduction to network protocols, ports, and topologies, techniques to secure network communications, and network monitoring tools.



#### FRONTLINE SALES/INVESTMENT OPERATIONS

This specialty is designed for students to gain key business skills and credentials that will open the door to careers in the finance and banking industries. Trainees who pursue this specialty will acquire marketable skills in the areas of bank operations, product selling, data visualization and presentation, investments, research and analysis, account and client support. Participants will also earn a basic certificate in banking.



### HELPDESK/DESKTOP SUPPORT

Our Helpdesk/Desktop Support curriculum provides students with hands-on learning in technical support skills prior to their internships. Training includes diagnosis and troubleshooting of common hardware problems in a personal computer, operating system installation (physical and virtual), an introduction to basic functions using the command line interface in Windows and Linux environments, customer service, including active listening, de-escalation, and oral and written communication.



#### PROJECT MANAGEMENT SUPPORT

Our Project Management Support curriculum provides students with project management concepts, techniques, tools, and terminology prior to their internships. Training includes analytical frameworks (SWOT, competitive analysis, SDLCs), key concepts (Agile, Scrum, and Gantt charts), and tools (Microsoft Project, JIRA), create professional, reader-friendly presentations with useful content using Prezi and Microsoft PowerPoint, building a project proposal, including: objective, scope, deliverables, roles and responsibilities, schedule, milestones, and budget; defining, measuring, and communicating goals and outcomes; analyzing and visualizing data in Microsoft Excel, through PivotTables, charts, and other graphical tools; process documentation manuals or how-to guides, meeting logistics, including scheduling via Microsoft Outlook, facilitating, preparing and capturing meeting minutes. Learning is applied through leadership opportunities, collaborative group work and critical thinking projects with use of data analytics and marketing tools.