

Accomplishment Stories and Grids Worksheet

Story 1:

Encountering a facial recognition hiccup at school ignited my passion for innovation. In response, I led a facial expression recognition project through the school's innovation training program, utilizing TensorFlow and CNN. Learning Python from scratch, I adapted to a COVID-19-induced team challenge, modified plans, and shouldered extra responsibilities as a leader. Overcoming tight deadlines, I meticulously managed the team, delegated tasks based on strengths, and conducted numerous trials to optimize the model. The result was a successfully controlled recognition error rate, showcasing adaptability, leadership, and a commitment to excellence in the realm of communications engineering.

STAR breakdown of Story:

S	Facial recognition failure at school due to a new haircut.
T	Led a facial expression recognition project in the school's innovation training program.
A	Learned Python, used TensorFlow and CNN, adapted project plan during COVID-19 challenges, managed the team, and optimized the model.
R	Successfully controlled recognition error rate, showcasing adaptability and leadership in communications engineering.

Story 2:

During a research project, I self-taught Python and recognized the synergy of language skills and communication expertise to elevate project efficiency. Overcoming the arid nature of TCP/IP experiments with multiple machines, I stimulated communication between Python instances, enhancing experiment efficiency. This project amplified my research and analytical skills, showcasing leadership and adaptability. It underscores my unwavering passion for communications engineering and determination to excel in the field through continuous expertise acquisition.

STAR breakdown of Story:

S	Faced challenges in TCP/IP experiments, requiring multiple machines and a tedious communication process.
T	Tasked with improving efficiency and communication in the experiment, integrating language and communication skills.
A	Taught myself Python, initiated communication between Python instances via TCP/IP, making transitions smoother. Showcased leadership by adapting and optimizing the process, addressing the experiments' arid nature, and navigating unforeseen challenges.
R	Successfully enhanced experiment efficiency, showcasing improved communication and highlighting adaptability and leadership. Emphasized the importance of continuous learning, fueling a passion for communications engineering and a commitment to excellence in the field.

Story 3:

In a mathematical modeling competition, my team and I tackled the challenge of optimizing city bus scheduling to minimize passenger wait times and enhance system efficiency. I led the team in collecting real-time data, developing a sophisticated mathematical model, and utilizing programming skills to create a simulation system. Through effective teamwork, we overcame challenges and fine-tuned our bus scheduling solution. The result was a successful model that reduced wait times and improved the overall efficiency of the bus system, earning us recognition and an award in the competition. This experience showcased my leadership, teamwork, mathematical modeling, and programming skills, emphasizing the significance of collaboration and the application of mathematical methods in solving real-world challenges.

STAR breakdown of Story:

S	Participated in a math modeling competition to optimize city bus scheduling.
T	Led the team in data collection, model development, and simulation creation.
A	Collected real-time data, applied mathematical principles, programmed a simulation, and effectively managed the team.
R	Successfully optimized bus scheduling, reducing wait times, and earning recognition in the competition. Demonstrated leadership, teamwork, and practical math application.

The Parachute Skills Grid
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Story #1	Story #2	Story #3	Skills with People: as my story shows I can ...
T		T	Initiate, Lead, be a Pioneer
T	T	T	Supervise, manage
T	T	T	Follow through, get things done
T		T	Motivate
T		T	Persuade, sell, recruit
T	T	T	Consult
T	T	T	Advise
T		T	Coordinate
T		T	Negotiate, resolve conflicts
T			Help people link or connect
T	T	T	Assess, evaluate, treat
T		T	Convey warmth and empathy
T			Interview, draw out
T		T	Raise people's self-esteem
T		T	Instruct
T		T	Teach, tutor, or train (individuals, groups)
T			Speak
T		T	Listen
T		T	Counsel, guide, mentor
T		T	Communicate well, in person
T		T	Communicate well, in writing
T	T	T	Interpret, speak, or read a foreign language
Story #1	Story #2	Story #3	Skills with Data, Ideas; as my story shows, I can
T	T	T	Use my intuition
T	T	T	Create, innovate, invent
T	T	T	Design, use artistic abilities, be original
T	T	T	Visualize, including the three dimensions
T	T	T	Imagine
T	T	T	Use my brain
T	T	T	Synthesize, combine parts into a whole
T	T	T	Systematize, prioritize
T	T	T	Organize, classify
T	T	T	Perceive patterns
T	T	T	Analyze, break down into its parts
T	T	T	Work with numbers, compute
T	T	T	Remember people, or data, to an unusual degree
T	T	T	Develop, improve
T	T	T	Solve problems
T	T	T	Plan
T	T	T	Program
T	T	T	Research
T	T	T	Examine, inspect, compare, see similarities and differences

The Parachute Skills Grid (page 2 of 2)			
Story #1	Story #2	Story #3	Skills with Data, Ideas; as my story shows, I can (continued)
T	T	T	Pay attention to details
T	T	T	Study, observe
T	T	T	Compile, keep records, file, retrieve
Story #1	Story #2	Story #3	Skills with Things, or My Favorite Medium; as my story shows I can ...
T	T	T	Control, expedite things
T	T	T	Make, produce, manufacture
T	T	T	Repair
T	T		Construct
T		T	Set up, assemble
T	T		Manipulate
T	T	T	Finish, restore, preserve