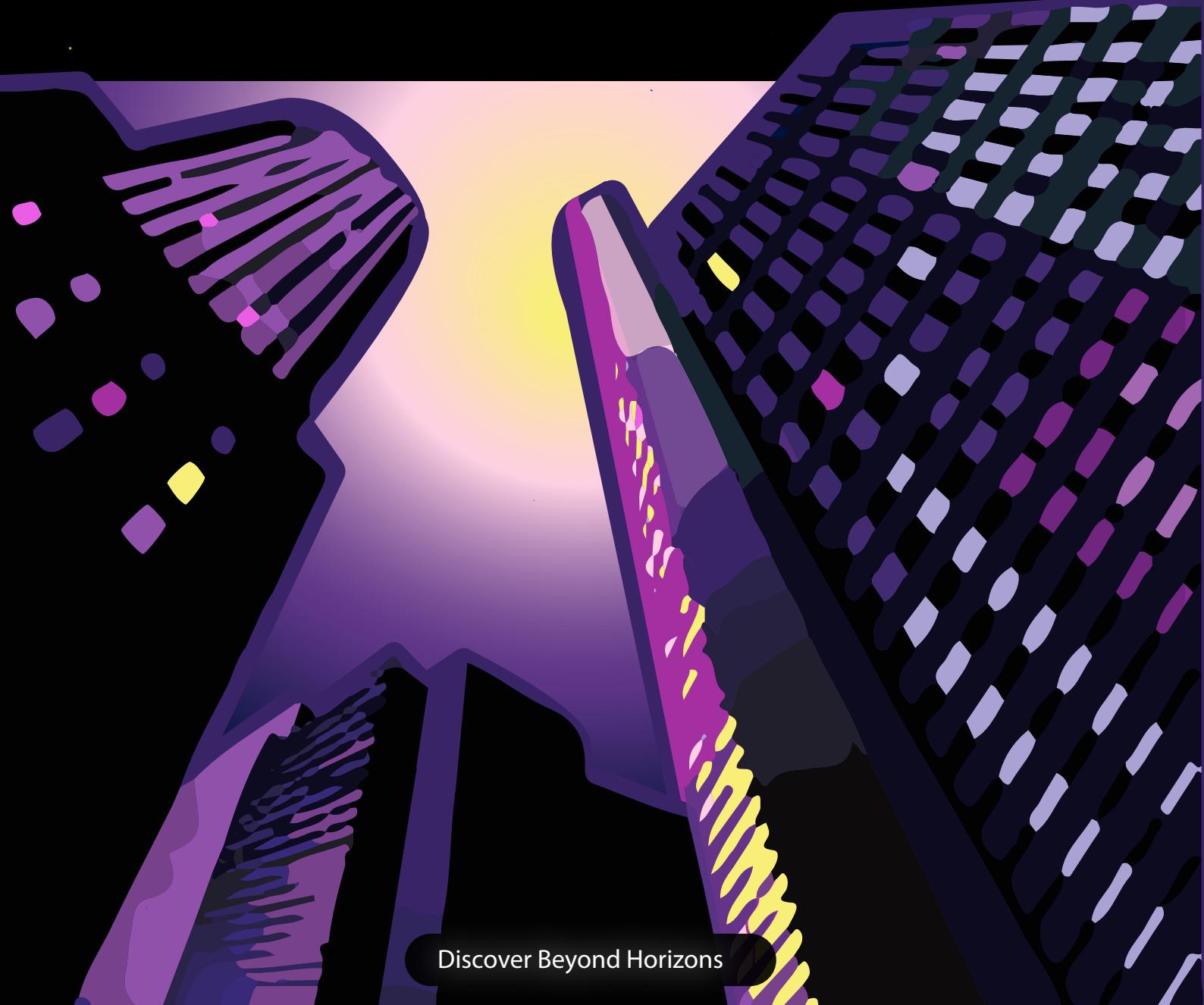


PIXEL 2024

Project Innovation & eXploration in CS Education and Learning 2024

Judging Rubrics

A large, abstract graphic at the bottom of the page depicts a digital landscape. It features a central, glowing yellow and pink gradient that tapers to a point. This is surrounded by dark, jagged shapes resembling mountains or clouds, rendered in shades of purple, black, and white. To the right, there's a large, textured area with a grid-like pattern of purple and black pixels. The overall aesthetic is futuristic and minimalist.

Discover Beyond Horizons

Judging Rubrics

CATEGORY	SUB-CATEGORY	WEIGHTAGE	RUBRIC			
			Excellent (9-10)	Good (7-8)	Fair (4-6)	Poor Minimal or No Control (1-3)
Development (70%)	Problem Statement	10	The problem statement is clearly defined , well-researched, and addresses a significant issue or challenge in the field of computer science. It demonstrates a thorough understanding of the problem, its scope, and relevance, with substantial supporting evidence.	The problem statement is adequately defined . It identifies a relevant issue in computer science, though it may require more depth or supporting research to fully understand the problem's significance and scope.	The problem statement is fairly defined , but may not fully address the significant issues or challenges in computer science, or may require substantial elaboration or clarification.	The problem statement is unclear, poorly defined , or not relevant to computer science. It lacks a clear understanding of the problem's significance or scope.
	Solution	35	The solution proposed is well-designed, technically sound, and effectively addresses the problem statement. It demonstrates a high level of implementation skills, creativity, and attention to detail.	The solution proposed is adequately effective , but may have some limitations or gaps. It shows a good level of technical skill and creativity, though further refinement may be needed.	The solution proposed is partially effective . It demonstrates a moderate level of technical skill, but lacks depth or originality in its design and implementation.	The solution proposed is incomplete, ineffective , or poorly implemented. It lacks adequate technical skills, creativity, or attention to detail.
	Innovativeness	10	The project demonstrates a high level of innovation and originality in terms of its approach, methodology, or implementation. It presents unique and novel ideas that distinguish it from other projects in the field.	The project shows some level of innovation , but may not be entirely unique. It shows creativity and presents new ideas, but might not differ significantly from conventional approaches.	The project shows limited innovation . It contains some new ideas, but they are mostly conventional or lack clear originality.	The project lacks significant innovation or originality, and the ideas presented are common or unremarkable. There is little evidence of unique or novel thinking.
	Impacts & Benefits	10	The project has a high potential for real-world impact and can make a significant contribution to the field of computer science or address a societal issue. It demonstrates a clear understanding of the potential impact of the project.	The project has some potential for real-world impact and can make a moderate contribution to the field of computer science or address a societal issue. The potential impact may not be well-defined or clearly articulated.	The project has limited potential impact and might not significantly contribute to computer science or societal issues. The understanding of the potential impact may be vague or incomplete.	The project lacks a clear understanding of the potential impact and may not make a significant contribution to the field of computer science or address a societal issue.
	Practicality	5	The project demonstrates a high level of practicality in terms of its feasibility, scalability, and potential for real-world implementation. It takes into consideration practical constraints, and the proposed solution is viable and practical.	The project has some level of practicality , but there may be some limitations or challenges in terms of feasibility, scalability, or real-world implementation. The proposed solution may require further evaluation or refinement.	The project has limited practicality , with noticeable constraints or challenges in terms of feasibility, scalability, or real-world implementation.	The project's practicality is minimal or not considered, and there are significant limitations or challenges in terms of feasibility, scalability, or real-world implementation.
Pitch (20%)	Content & Clarity	10	The pitch is well-structured and clearly presents the project's objectives, methodology, significance, and outcomes. The content is thorough, relevant, and demonstrates a deep understanding of the project.	The pitch is generally clear and well-organized but might lack some details or clarity. The objectives, methodology, significance, and outcomes are mostly articulated, though some aspects may need further elaboration. The overall content is solid, with minor gaps in explanation.	The pitch has limited clarity and detail, making it difficult to grasp the key elements of the project. Crucial information about objectives, methodology, significance, and outcomes is either missing or insufficiently explained. The overall structure could be improved to better communicate the project's main ideas.	The pitch is vague or unclear , and it's difficult to understand the project's objectives, methodology, significance, and outcomes. The content is insufficient or poorly presented.
	Presentation Skills	5	The presenter is highly confident , engaging, and effectively conveys the project's key points. The pitch is delivered in a professional and polished manner, with clear communication, appropriate tone, and highly effective use of visual aids or props within the time limit.	The presenter has some level of confidence and engages the audience, but there may be some areas for improvement in terms of clarity, pacing, or delivery. Visual aids or props are used with limited effectiveness and within the time limit.	The presenter has limited confidence and struggles slightly with articulation or engagement. There may be issues with pacing, clarity, or delivery. Visual aids or props are used with lack of effectiveness. The presentation slightly overrun the time limit.	The presenter lacks confidence , struggles significantly with articulation, and has poor delivery. Visual aids or props are absent or not effectively used, the pitch may be difficult to follow and overrun the time limit.
	Innovation & Creativity	5	The project demonstrates a high level of innovation and creativity in terms of its approach, methodology, or outcomes. The pitch showcases unique and original ideas that stand out from other projects, and it's evident that creative thinking was applied.	The project shows some level of innovation and creativity, but there may be room for further exploration or refinement. The pitch presents ideas that are somewhat unique or different from conventional approaches but lack full originality.	The project exhibits limited innovation or creativity, with ideas that are somewhat conventional or lacking in originality. The pitch might suggest some creativity, but it doesn't fully stand out. The approach or methodology could benefit from more unique elements.	The project lacks significant innovation or creativity, and the pitch presents ideas that are common or unremarkable. There is little evidence of unique or original thinking.
Entrepreneurship (10%)	Entrepreneurial Opportunity	10	The project is ready to be extended for pre-commercialization.	The project is ready to be extended for pre-commercialization, but it needs minor improvement .	The project is ready to be extended for pre-commercialization, but it needs major improvement .	The project is not ready to be extended for pre-commercialization.