



IST

INFORMATION SCIENCE AND TECHNOLOGY ASSOCIATION

Instance

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intel ARC

SALAI KOWSHIKAN - 2022115081



INTERNSHIP statistics.

17 offers

Wells Fargo - 2 Vegrow - 1

CitiCorp - 1 Accenture - 1

Fidelity Investments - 7 Barclays - 5

WHY EVERYONE IS ROOTING FOR INTEL'S SUCCESS

Nvidia recently announced its 50-series lineup, which has been met with criticism for several reasons—insufficient VRAM, high pricing, and a heavy reliance on DLSS for performance gains. If Intel manages to capture even a small share of the market with its aggressive price to performance ratio, it could force Nvidia to rethink its strategy. This would create healthy competition, driving innovation and potentially reducing prices for consumers.

To stay updated on the latest in hardware innovations, we recommend following **Hardware Unboxed**,

Gamers Nexus, and **Linus Tech Tips**.

Anybody with a basic understanding of economics can tell you that monopolies are not good for both the consumers and innovation in the field. The presence of more competitors in a market fosters research and development, resulting in better products at competitive prices. For a long time, the GPU market has been dominated by Nvidia and AMD, allowing them to control pricing with relatively little innovation between iteration. However, things may change with the arrival of Intel with their new generation of graphics cards.

In 2022, Intel made its debut in the discrete GPU market with their ARC lineup, named after story arcs in video games. Similar to their processors, Intel uses a 3-5-7 naming scheme to indicate performance tiers, with the first letter representing the GPU generation.

The generations are creatively named after typical character classes found in video games.

1) Alchemist - 2022

2) Battlemage - 2024

3) Celestial - In development

4) Druid - In development

THE BATTLEMAGE LINEUP

Intel unveiled two of the GPUs from the Battlemage generation in Dec 2024 - B580 and recently B570. They launched at a very competitive pricing, going head-to-head with Nvidia's 4060 and AMDs RX.

PLACEMENT Statistics. 81 offers

| | |
|---------------------------|----|
| Wells Fargo | 4 |
| Fidelity Investments | 1 |
| Citi Corp | 6 |
| Barclays | 2 |
| Oracle India | 4 |
| Infinera India | 2 |
| Société Générale | 1 |
| Athena Healthcare | 1 |
| SAP | 2 |
| Amazon | 6 |
| Trimble | 2 |
| KLA Tencor | 1 |
| Starten Systems | 1 |
| Apple India | 2 |
| Sagent M&C | 1 |
| Standard Chartered | 1 |
| Euclid Data Solutions | 2 |
| Verizon India | 4 |
| Bank of America | 12 |
| Norton Lifelock Pvt. Ltd. | 2 |
| Optum | 4 |
| L&T (off-campus) | 1 |
| American Express | 1 |
| RandomWalk | 1 |
| Aptiv | 2 |
| Tejas Networks | 1 |
| Codestax.AI | 3 |
| Ford | 2 |
| Ramco Systems | 1 |
| Samsung | 1 |
| Intain Technologies | 1 |
| FedEx | 2 |
| ZoomRx Healthcare | 1 |
| SecureW2 | 2 |
| Reverence Data Solutions | 1 |

COURSES on the run!

SHANJANA A G - 2021115099

Yet another initiative of ISTA has received an immaculate response and overwhelming encouragement! On January 22, 2025, ISTA hosted an engaging introductory session for first and second-year students, designed to provide an overview of the upcoming semester and gather insights on the training they wish to explore. With the motto, "Your semester, your choice, your success!", the session set the tone for an enriching semester ahead.

The ISTA courses team took the lead, offering students a glimpse into the meticulously planned courses ready to roll out in the new semester. A comprehensive overview of what students can expect from the upcoming semester was provided, giving clarity and building excitement for the journey ahead. Key aspects such as scheduling sessions at convenient times, exploring topics that require additional support and aligning courses with student needs were thoughtfully addressed.

The interactive nature of the session fostered an open exchange of ideas, increasing the students' understanding of the upcoming semester, including the projects to be undertaken, the skills to be developed, and the challenges ahead. This engagement equipped the ISTA team with valuable insights to refine their offerings and tailor them to student needs.

The success of the event is a testament to the dedication of the ISTA courses team, whose efforts ensured a seamless impactful start to the semester. This initiative marks the beginning of a thoughtfully crafted series of courses designed to inspire, empower, and elevate students to greater heights.

Stay tuned—exciting courses are ready and loaded, just waiting to be launched!

2025 Kicks Off in Overdrive

SHANJANAA G - 2021115099

DELOITTE'S 2024 TECH INDUSTRY OUTLOOK

The report emphasizes the critical role of AI, automation, and cloud transformation in reshaping the tech landscape. As artificial intelligence continues to evolve, it is becoming a central enabler for businesses. Companies are increasingly adopting generative AI to streamline operations and create new business opportunities. Cloud technologies are also advancing, with a strong shift toward multi-cloud and hybrid-cloud strategies, enabling organizations to build more resilient and agile infrastructure. Additionally, the rise of edge computing is allowing businesses to process data closer to its source, reducing latency and improving real-time decision-making.

The report also delves into the increasing focus on sustainability, with companies prioritizing green technologies and aligning their operations with environmental, social, and governance (ESG) goals. Alongside technological advancements, Deloitte underscores the importance of talent development, as the demand for skilled workers in fields like AI, data analytics, and cybersecurity continues to surge. Companies are focusing on reskilling their workforce to meet evolving industry needs.

Ultimately, the 2024 outlook reflects the need for businesses to be adaptable and forward-thinking, embracing innovation while fostering sustainable growth in an increasingly interconnected world.

LAUNCH OF PROJECT STARGATE

President Trump, alongside executives from OpenAI, Oracle, and SoftBank, announced Project Stargate—a monumental plan to invest \$500 billion over four years into AI infrastructure across the United States. The initiative aims to solidify American leadership in artificial intelligence, with an immediate \$100 billion deployment. Key partners include Arm, Microsoft, Nvidia, and Oracle.

SAMSUNG UNVEils GALAXY S25 SMARTPHONES

Samsung introduced its Galaxy S25 series, emphasizing advanced artificial intelligence capabilities. These smartphones are designed to function as AI companions, learning user routines, anticipating needs, and performing tasks such as removing unwanted sounds from videos and identifying songs. The devices will be available from February 7, with prices starting at Rs.80999.

ELON MUSK CRITICIZES PROJECT STARGATE'S FUNDING CLAIMS

Elon Musk, serving as a White House adviser, expressed skepticism regarding the financial backing of Project Stargate. He alleged that the proclaimed \$100 billion immediate investment is not genuinely secured, citing that SoftBank has less than \$10 billion available. This led to a public exchange with OpenAI's Sam Altman, who maintained that the project is progressing and beneficial for the country.

NVIDIA'S STOCK SURGE FOLLOWING STARGATE PARTNERSHIP

Nvidia's stock experienced a 4.4% rally after being named a technology partner for Project Stargate. Analysts anticipate that this collaboration will drive future revenue for Nvidia and alleviate concerns about peak compute demand, contributing to the company's long-term growth.

PHOTOGRAPHY corner.



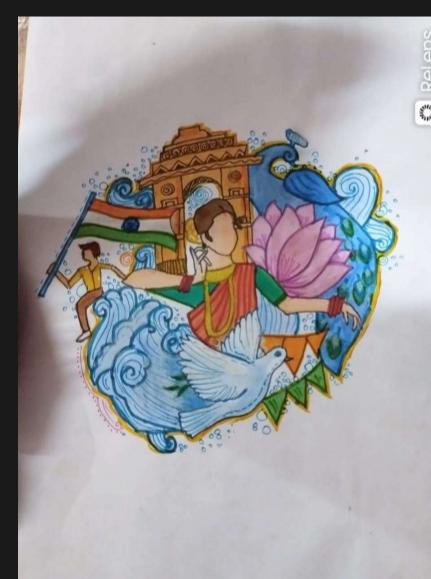
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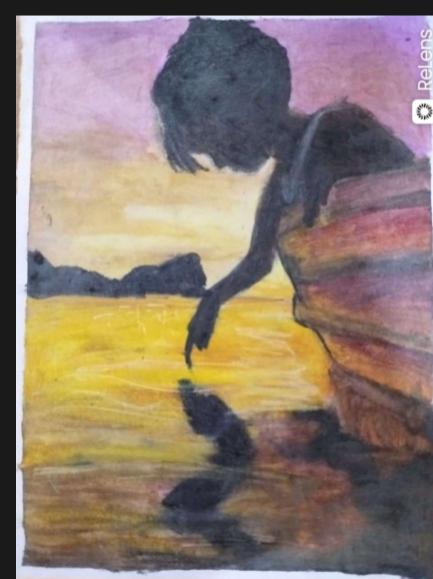


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