



VOL 4. 2021 JULY EDITION

MSITM NEWSLETTER



ISAIAH 55:12

You will go out in joy and be led forth in peace; the mountains and hills will burst into song before you, and all the trees of the field will clap their hands.

Grant
Dahlsten

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MSITM AMBASSADOR STUDENT HIGHLIGHT

Grant Dahlsten

Tell us a little about yourself

Hey everyone, I'm Grant Dahlsten! I was born and raised in a small town in Kansas. I came to Dallas in 2016 and have been here since. When I was working on my BA in Politics, Philosophy, and Economics here at DBU, I became interested in how sociopolitical and technology forces interact with each other and affect our daily lives. I began to think deeply about privacy in the digital age (or rather lack thereof) and the possible future of privacy. I'm in the MSITM program to gain the skills, knowledge, and connections I need to be well-prepared to be a change-creator in the future of privacy.

What goes on in your day? An outline of your day?

I order my days around specific rhythms. Each morning I get coffee, pray, and read Scripture. I use my commute to work in the morning to catch up on news with the Economist's daily podcast. I start every workday with the same ritual of checking email, creating a to-do-list, and catching up on my favorite sports – go Mavs! I work full-time at DBU with our international partner schools, so my daily work consists of working with school administrators from all around the world to understand their needs and see how DBU can best serve them. After work I'll hang out with my friends or girlfriend, pursue a hobby, or work on a personal project.



What advice would you give to your younger self?

You are embodied; you're not just a mind or ideas. Similar to how James 2:17 says faith is dead without works is dead, the ideas you have lose much of their value without action or follow through.

What are your strengths?

I'm at my best when I'm learning about a complex issue and am enabled to creatively problem-solve. I approach problems analytically with an eye towards understanding the context in which they occur. I can pick up new concepts quickly, which allows me to get caught up on emerging trends quickly.

A little about your hobbies?

I love to read and learn. My reading interests range from political science to novels to development. I also love podcasts. My current favorite is a movie podcast called Two Chunks and a Hunk. I cannot recommend it enough if you like movies and/or laughing.

Oftentimes you'll find me braving the Texas heat to play tennis, basketball, or disc golf with friends.



What makes you unique?

As cliché as it may sound, no one else has my combination of background, talents, and perspective. I bring a unique insight into each problem I encounter, and my emphasis on collaborating with others to better understand their perspectives allows me to discover a unified solution that takes the best from everyone's insight.

What motivates you?

I have big dreams about the way the world could be. I want to see those dreams come to fruition, and that motivates me to work hard connecting with people, building my skills, and work towards making those dreams reality.

What is your driving force?

Each person on Earth has inherent dignity. I want my life's work to be oriented around seeing that dignity expressed in tangible ways, whether that be fighting for privacy rights in a digital era or mentoring a group of 10th grade boys through my church.

What advice would you give current students?

Take advantage of the network the MSITM program has and build relationships with an eye towards serving others. Networking is more meaningful, powerful, and long-lasting when you make a genuine effort to bless and honor others.

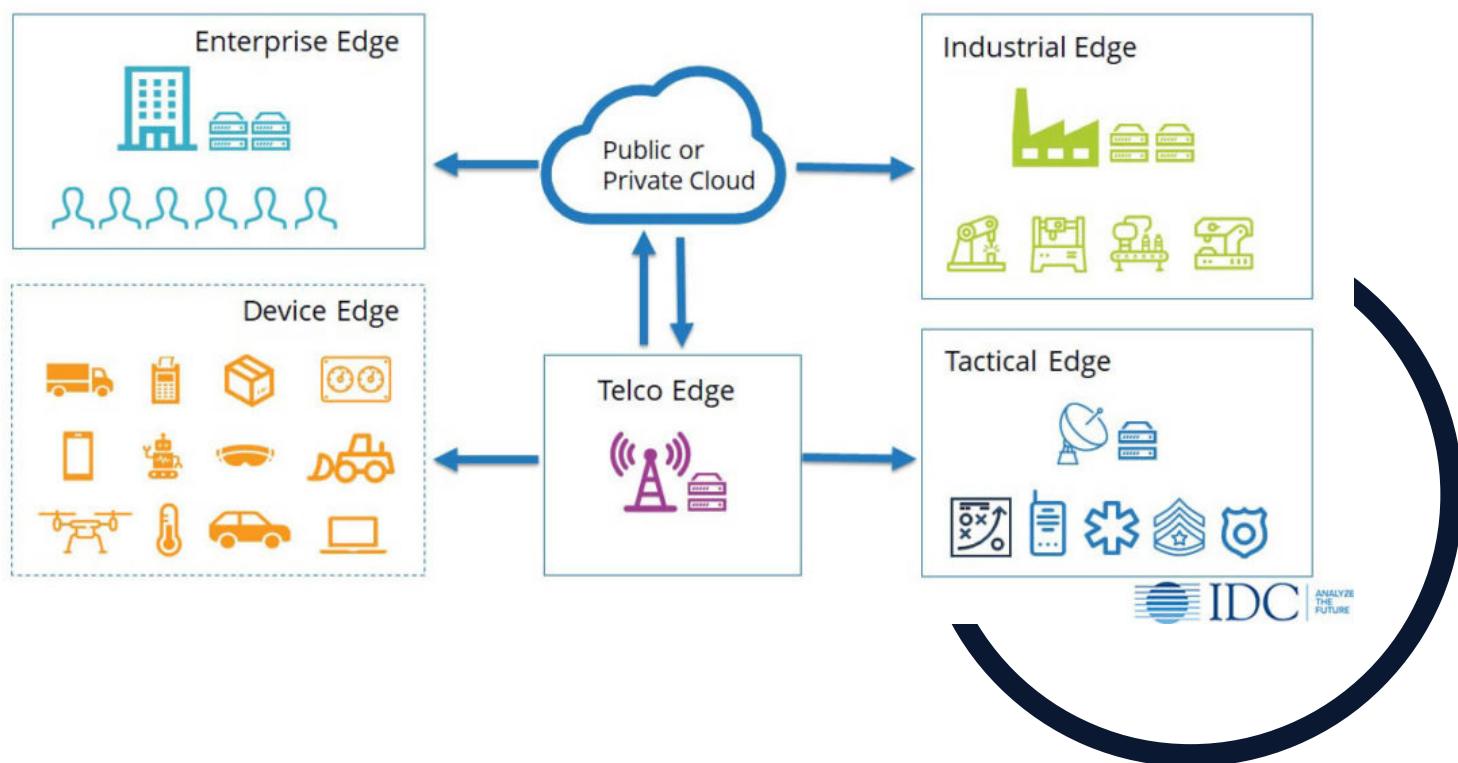


EDGE COMPUTING

ARTICLE BY ANDRES LESMES

In a globalized world, Data play an essential role in making decisions in every aspect of our lives. It can be from the most superficial way we interact in social media to a complex architect in software deployment.

Human beings are constantly creating data in their daily interaction; this being said, edge computing creates the perfect scenario for devices and data storage to stay interconnected as a bridge between users and applications. Instead of using a central data location that can be miles away, edge computing reduces the latency in the application's performance and it allows to filter the data before sending it to the servers. "IDC predicts that by 2023, over 50% of new enterprise IT infrastructure deployed will be at the edge rather than corporate datacenters, up from less than 10% today" (IDC, 2020)



The development of new networks and bandwidth has allowed 5G technologies to fuel edge computing. The rapid increase in emerging technologies opens the opportunity for us to communicate compute capacity into those environments in real-time.

Understanding edge computing can be accurate if we understand the difference between edge service and edge devices. Edge service is a piece of equipment with the purpose of storage, and IT function in comparison to edge devices that are mainly physical equipment built with a purpose, such as smartphones, cars, smart homes, and many other technological devices.

With the rapid expansion of 5G, different industries are using edge computing benefits to scale their companies.

Retail Store: Edge computing is used for mainly three things;

Fully automated store

Generate data

A completely immersive experience by VR and AR

Advantage: Edge cloud is flexible and scalable, level of cost is very flexible.

Financial services: In a traditional scenario, an ATM has cameras for security purposes, and it has a fraud system that allows financial institutions to keep track of any suspicious movement.

The integration of edge computing can help detect real-time fraudulent behavior, bring analytics right down to the edge, and alert decision-making in a fraction of a second.

Ecommerce platforms: 5G provides new opportunities in latency, bandwidths, and the ability to be impactful. 5G is the fuel of the edge.

Digital customer experience

Network and cloud agility

Enterprise transformation

References

- Gold, J., & Shaw, K. (n.d.). What is edge computing and why does it matter?. Network World. <https://www.networkworld.com/article/3224893/what-is-edge-computing-and-how-it-s-changing-the-network.html>
- Edge computing: Not all edges are created equal. (2020, June 1). IDC Blog | Global Market Intelligence. <https://blogs.idc.com/2020/06/01/edge-computing-not-all-edges-are-created-equal/>
- Solutions for 5G and edge computing. (n.d.). IBM - United States. <https://www.ibm.com/cloud/edge-computing>
- What is edge computing? [Video]. (n.d.). YouTube. <https://www.youtube.com/watch?v=3hScMLH7B4o>



MSITM Highlight

- Project Management for Beginners by PMI: Yukti Tekade
- Project Management Essentials Certified by Management & Strategy Institute: Yukti Tekade
- Social Venture Partners (SVP) Philanthropy training completion: Andres Lesmes, Camila Ramos
- IBM Blockchain Essentials: Candice Zhang, Anderson Bronzato, Chunyi Li, Isaiah Martinez, Chengdong Xu, Nathanael Antioch
- IBM Design Thinking Practitioner: Candice Zhang, Anderson Bronzato, Chunyi Li, Isaiah Martinez, Chengdong Xu, Nathanael Antioch
- IBM Co-Creator: Candice Zhang, Anderson Bronzato, Chunyi Li, Isaiah Martinez, Chengdong Xu, Nathanael Antioch
- Kickoff - Agile by PMI: Candice Zhang, Anderson Bronzato, Chunyi Li, Isaiah Martinez, Chengdong Xu, Nathanael Antioch
- Kickoff – Waterfall by PMI: Candice Zhang, Anderson Bronzato, Chunyi Li, Isaiah Martinez, Chengdong Xu, Nathanael Antioch
- 5k Run Volunteer at Ethne: Anushka Kumar, Camila Ramos, Candice Zhang, Luisa Gonzalez, Kamal Sujay Ernam

Professor Highlight

- Certified Data Privacy Solutions Engineer (CDPSE) by ISACA: Chad Thiemann

MSITM IN THE COMMUNITY

**Saturday 27th, our
students and faculty staff
volunteered in the 5k
hosted by Ethne**

Ethne is determined to help poverty-ridden areas in India that are defenseless and suffering amidst the COVID-19 pandemic. Facing the world's worst outbreak, more than 311,000 people have died. We are honored to bring to you a practical and fun initiative to raise awareness and support as COVID-19 continues to take many lives. Raising over \$83,000 so far, we have sent grocery kits, oxygen concentrators, face shields, PPE, ambulances, and more to cities all across India.





MSITM AT THE HISPANIC BAPTIST CONVENTION



OUR MSITM AMBASSADORS HAD
THE OPPORTUNITY
TO REPRESENT MSITM PROGRAM
AND DBU AT THE HISPANIC
BAPTIST CONVENTION

**REIMAGINE YOUR FUTURE
DISRUPT THE STATUS QUO
LAUNCH YOUR CAREER**

MASTER OF SCIENCE IN
INFORMATION
TECHNOLOGY AND
MANAGEMENT

TIME: 10:00 AM - 10:45 AM
DATE: July 22nd, 2021
WHERE: <https://bit.ly/meetinginter>



**REIMAGINE YOUR FUTURE
DISRUPT THE STATUS QUO
LAUNCH YOUR CAREER**

MASTER OF SCIENCE IN
INFORMATION
TECHNOLOGY AND
MANAGEMENT

TIME: 4:00 PM - 4:45 PM
DATE: July 22nd, 2021
WHERE: <https://bit.ly/housedbu>

