

# Eduardo D. Villacis-Calderon

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## Education

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UNIVERSIDAD SAN FRANCISCO DE QUITO  
Bachelor of Science in Computer Science – Cum Laude. 2016

VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY  
Master of Science in Business Administration in Business Analytics (MSBA-BA). 2017

VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY  
Ph.D. in Business Information Technology. 2022

## Work Experience

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THE UNIVERSITY OF TEXAS AT EL PASO – DEPARTMENT OF ACCOUNTING  
AND INFORMATION SYSTEMS  
Assistant Professor. 2022 - present

VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY – FINANCE IT  
Graduate Assistant – Software developer & Information security analyst. 2016-2017

CRIFA – SLONCORP  
Senior Software Developer. 2015

VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY – FINANCE IT  
Software Developer. June – August 2014

CRIFA – SLONCORP  
Junior Software Developer. 2013-2014

## Journal Publications

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James, T.L., Villacis Calderon, E., and Cook, D.F. (2017). “Exploring Patient Perceptions of Healthcare Service Quality through Analysis of Unstructured Feedback”, *Expert Systems with Applications*, 17, 479-492, <https://doi.org/10.1016/j.eswa.2016.11.004>

James, T.L., Zhang, J., Li, H., Ziegelmayr, J.L. and Villacis-Calderon, E.D. (2021), “The moderating effect of technology overload on the ability of online learning to meet students' basic psychological needs”, *Information Technology & People*, Vol. 35 No. 4, pp. 1364-1382  
<https://doi.org/10.1108/ITP-03-2021-0225>

James, T. L., Villacis Calderon, E., Bélanger, F., Lowry, P. B., (2022). “The mediating role of group dynamics in shaping received social support from active and passive use in online health communities”, *Information & Management*, 59(3), 103606, <https://doi.org/10.1016/j.im.2022.103606>

Eduardo D. Villacis Calderon, Tabitha L. James, Paul Benjamin Lowry, (2023). “How Facebook's newsfeed algorithm shapes childhood vaccine hesitancy: An algorithmic fairness, accountability, and transparency (FAT) perspective”, *Data and Information Management*, Volume 7, Issue 3, 2023, 100042, ISSN 2543-9251, <https://doi.org/10.1016/j.dim.2023.100042>

Sergio Grove, Aaron Nelson, Eduardo D. Villacis Calderon, Kevin E. Dow, (2024). “Words to use with care? CEO dispositional optimism vs overconfidence”, *Finance Research Letters*, Volume 59, 2024, 104785, ISSN 1544-6123, <https://doi.org/10.1016/j.frl.2023.104785>

Jie Yan, Dorothy E. Leidner, Puzant Balozian, Eduardo D. Villacis Calderon, Ramona Ionescu, (2025). “Workplace cyberbullying: A multidisciplinary review and agenda for future research in the era of artificial intelligence”, *International Journal of Information Management*, Volume 83, 2025, 102910, ISSN 0268-4012, <https://doi.org/10.1016/j.ijinfomgt.2025.102910>

## **Refereed Conference Proceedings**

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Goldberg, D., Hong, S., Villacis Calderon, E. (2024). Sentiment in Big Tech’s Investor Relations: Does the Discourse Predict Future Stock Movements? Hawaii International Conference on System Sciences (HICSS), January, Oahu, HI

Villacis Calderon, E., T.L. James, D. Townsend, (2017). Crafting a Persuasive Crowdfunding Campaign: The Effect of Big-5 Language Style on Crowdfunding Success, *Decision Sciences Institute Proceedings*

Villacis Calderon, E., James, T.L., Cook, D.F., Keeling, K.B., (2014). Exploring the SERVQUAL Dimensions in Healthcare: A Text Mining Approach, *Decision Sciences Institute Proceedings* (Nominee for Best Paper).

## **Conference Presentations**

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Villacis Calderon, E., Grove, S., Jeong, Y. Do Not Let the Lexicons and Their Components Drive Your Results., *Inform's Annual Meeting*, Seattle, WA, 2024.

Goldberg, D., Hong, S., Villacis Calderon, E. Sentiment in Big Tech’s Investor Relations: Does the Discourse Predict Future Stock Movements? Hawaii International Conference on System Sciences(HICSS), January, Oahu, HI, 2024

Villacis Calderon, E., Feeling Strong by Mourning in Online Health Communities, *Inform's Annual Meeting*, Indianapolis, IN, 2022.

Immunizing Parents against Vaccine Misinformation: The Role that Trust plays in Childhood Vaccine Hesitancy, (with T.L James, P.B. Lowry), Virginia Tech Latinx Symposium, Blacksburg, VA, 2019.

Crafting a Persuasive Crowdfunding Campaign: The Effect of Big-5 Language Style on Crowdfunding Success, (with T.L. James, D. Townsend), Decision Sciences Institute Annual Meeting, Washington, DC, 2017.

How Group Dynamic Shape Perceptions of Social Support in Chronic Disease Virtual Health Communities, (with T.L. James, F. Bélanger), Decision Sciences Institute Annual Meeting, Washington, DC, 2017.

Exploring the SERVQUAL Dimensions in Healthcare: A Text Mining Approach, (with T.L. James, D.F. Cook, and K.B. Keeling), Decision Sciences Institute Annual Meeting, Tampa, FL, 2014.

### Invited Book Chapters

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Villacis Calderon, E., James, T.L., Cook, D.F., Keeling, K.B. A Text Mining Approach for Exploring Service Quality in Healthcare, In: M. Warkentin (ed.), *Trends and Research in the Decision Sciences: Best Papers from the 2014 Annual Conference*, 2015. Rpt. Of Exploring the SERVQUAL Dimensions in Healthcare: A Text Mining Approach, *2014 Decision Sciences Institute Proceedings*.

### Teaching experience

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**Teaching interests:** information security, data visualization, web development, database design and management, and artificial intelligence.

### Virginia Tech

Term	Course Number & Title	Overall Teaching Effectiveness	College Mean
Spring 2022	BIT 5424: Adv. Business Information Visualization & Analytics	4.12	5.19
Fall 2021	BIT 2164: Foundations of Security Environments	5.31	5.17
Summer 2021	BIT 4614: Information Security	5.36	5.33

## UTEP

Term	Course Number & Title	Instructor Rating	Course Rating
Fall 2025	CIS 4365: Database Management	4.83	4.71
Spring 2025	CIS 4365: Database Management	4.50	4.55
Fall 2024	CIS 4365: Database Management	4.92	4.84
	CIS 3301: Intro to Data Process & Prog	4.79	4.75
	CIS 3330: Analytic Programming Tools	4.73	4.67
Spring 2024	CIS 4365: Database Management	4.70	4.67
	CIS 3330: Analytic Programming Tools	4.65	4.70
Fall 2023	CIS 3330: Analytic Programming Tools	4.89	4.74
	CIS 4365: Database Management	4.72	4.72
Spring 2023	CIS 3301: Intro to Data Process & Prog	5.00	5.00
	CIS 3330: Analytic Programming Tools	4.82	4.76
	CIS 4365: Database Management	4.70	4.67
Fall 2022	CIS 4365: Database Management	4.90	4.76

## Service

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Virginia Research Seminar Series. Technical Assistant. March 2018.

Business Information Technology. Student's representative at Graduate Students Assembly, 2017-2018, 2019-2020, 2020-2021.

Reviewed for Information Systems Journal, Internet Research, Information Systems Frontiers, Finance Research Letters, ICIS (2019, 2020, 2021), AMCIS 2021, and CIST 2021.

Associate Editor for ICIS 2024.

Faculty Advisor for the Association of Information Technology Professions (AITP-BIAS) 2022-2026