Eduardo D. Villacis-Calderon

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Education

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. Expected graduation May 2022.

Work Experience

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

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., Ziegelmayer, 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. ahead-of-print No. ahead-of-print. https://doi.org/10.1108/ITP-03-2021-0225

Refereed Conference Proceedings

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

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

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

Teaching interests: information security, data visualization, web development, database design and management, and mobile application development.

Virginia Tech - Overall teaching effectiveness (OTE)

BIT 4614 – Information Security (Summer 2021). OTE: 5.36/6 vs 5.33/6 (college mean)

Service

Virginia Research Seminar Series. Technical assistant. March 2018.

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

Reviewed for Information Systems Journal, ICIS 2019, ICIS 2020, ICIS 2021, AMCIS 2021, CIST 2021.

Submitted papers

Tabitha L. James, Eduardo D. Villacis-Calderon, Paul Benjamin Lowry, France Bélanger, (2021). How Group Dynamics Shape Perceptions of Received Social Support from Active and Passive Use in Online Health Communities. *Information & Management*, Current status: under review.

Eduardo D. Villacis-Calderon, Tabitha L. James, Paul Benjamin Lowry, (2021). How online social network (OSN) affordances can mitigate negative outcomes from OSN social overload. *Information Systems Research*, Current status: submitted.

Working papers

Proposing a Theory of Online Health Communities' Wounded Healers' Helping Behaviors

Eduardo D. Villacis-Calderon, Tabitha L. James, Paul Benjamin Lowry, (2021). How Facebook's Newsfeed Algorithm Shapes Childhood Vaccine Hesitancy: An Algorithmic Fairness, Accountability, and Transparency (FAT) Perspective.