CARLOS DENNER DOS SANTOS

AI Scientist ◇ Montreal, QC, Canada

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LinkedIn ◇ ResearchGate ◇ Google Scholar

RESEARCH INTERESTS

AI governance, open-source software ecosystems, IT governance, digital transformation, technology adoption, crowd-funding platforms.

EDUCATION

University of Nottingham, England   *December 2010 - December 2011*
PostDoc in Computer Science
Supervisor: George Kuk

University of São Paulo, Brazil   *August 2009 - July 2011*
PostDoc in Computer Science
Supervisor: Fabio Kon

Southern Illinois University, United States   *August 2005 - July 2009*
PhD in Information Systems
Supervisor: John Pearson

Federal University of Minas Gerais, Brazil   *February 2003 - February 2005*
MSc in Management

State University of Minas Gerais, Montes Claros   *February 1999 - December 2002*
BSc in Business

Technical School of Montes Claros, Brazil   *February 1997 - December 1999*
Technical Degree in Data Processing

PROFESSIONAL EXPERIENCE (1999–2025)

AI Expert   *July 2025 - Present*
Videns AI   Montreal, Canada

Data Scientist Consultant   *November 2021 - January 2025*
Bell Canada   Montreal, Canada

Research Associate   *May 2021 - April 2023*
École de Technologie Supérieure   Montreal, Canada

Co-Investigator   *February 2020 - Present*
Jooay App, McGill University   Montreal, Canada

Assistant Researcher   *November 2019 - February 2020*
CHU Sainte-Justine Research Center   Montreal, Canada

Research Associate   *June 2019 - May 2021*
Université du Québec à Montréal (UQAM)   Montreal, Canada

Board Member   *June 2017 - December 2018*
FINATEC (Foundation for Technological Projects)   Brasília, Brazil

Consultant   *November 2016 - February 2017*
Tribunal de Contas da União (Federal Court of Accounts)   Brasília, Brazil

Adjunct Director *June 2016 - December 2020*
PhD Program in Management, University of Brasília Brasília, Brazil

Associate Director *January 2016 - December 2017*
Center for Technology Development (CDT), University of Brasília Brasília, Brazil

Consultant (Open Source Software Governance) *February 2014 - June 2016*
Ministry of Planning, Government of Brazil Brazil

Consultant *November 2013 - February 2014*
Ministry of Planning, Government of Brazil Brazil

Founder & Manager *January 2013 - December 2023*
Socie-Dados Research Lab, University of Brasília Brasília, Brazil

Associate Professor *December 2011 - December 2023*
University of Brasília Brasília, Brazil

Postdoctoral Researcher *December 2010 - December 2011*
University of Nottingham Nottingham, UK

Collaborating Professor *August 2010 - January 2011*
University of São Paulo São Paulo, Brazil

Postdoctoral Researcher *August 2009 - August 2011*
University of São Paulo São Paulo, Brazil

Project Advisor (SoftwarePublico.gov.br) *July 2009 - December 2010*
CTI Renato Archer Campinas, Brazil

Graduate Instructor *January 2008 - May 2008*
Southern Illinois University Carbondale Carbondale, IL, USA

Instructor (Professional Training) *June 2005*
FAPEMIG, Minas Gerais Research Foundation Brazil

Part-Time Lecturer *August 2004 - July 2005*
Universidade FUMEC Belo Horizonte, Brazil

Consultant (IT) *May 2004 - December 2004*
Bioquímica e Química do Brasil Ltda. Belo Horizonte, Brazil

Substitute Professor *March 2004 - August 2005*
Federal University of Minas Gerais Belo Horizonte, Brazil

Computer Programmer *August 2002 - February 2003*
Universidade Estadual de Montes Claros Montes Claros, Brazil

Professor *August 2001 - February 2003*
Fundação Educacional Montes Claros Montes Claros, Brazil

Network Administrator / Computer Programmer *March 1999 - January 2003*
Unimed Montes Claros Montes Claros, Brazil

ACADEMIC SUPERVISIONS

Postdoctoral Supervisions

Pedro Jacome de Moura Junior *2023*
Universidade de Brasília

Almir Oliveira Junior *2018*
Instituto de Pesquisa Econômica Aplicada (IPEA), Universidade de Brasília

Fabio Buiati *2017*
Centro de Apoio ao Desenvolvimento Tecnológico, Universidade de Brasília

PhD Supervisions

Anna Carolina Ribeiro *2022*
Risk management in public administration · Universidade de Brasília

Claudia Tolentino Santos *2021*
Pension governance and financial performance · Universidade de Brasília

Pablo Péron *2021*
Organizational survival post-incubation (AI-driven analysis) · Universidade de Brasília

Gustavo Alves *2021*
IT governance in the public sector · Universidade de Brasília

Patrícia Almeida *2019–2024*
AI governance and digital government · Universidade de Brasília

Deise Goulart *2021–Present*
NGO and public sector efficiency · Universidade de Brasília

Isabela Ferraz *2019*
Virtual community governance · Universidade de Brasília

Silvia Satiko Onoyama *2018*
Mechanisms for effective IT governance · Universidade de Brasília

Paulo Meirelles (co-supervisor) *2013*
Open-source software metrics monitoring · Universidade de São Paulo

MSc Supervisions

Leonel Cerqueira Santos *2016*
Non-operational mechanisms in IT governance effectiveness · Universidade de Brasília

Daniel Shim de Sousa Esashika *2016*
Influence of sponsors on open-source community structures · Universidade de Brasília

Isadora Vergara *2015*
Adaptive management vs. environmental determinism in blogs · Universidade de Brasília

Leonardo Oliveira *2015*
Consequences of innovation adoption · Universidade de Brasília

Juliana Miranda *2015*
Environmental and organizational variables in startup performance · Universidade de Brasília

Luiz Fernando Silva Pinto *2015*
Factors influencing effort and contributions on Wikipedia · Universidade de Brasília

Selected Undergraduate Research Supervisions

2020–2021: Thiago Lopes, Sara Andrade, Rayssa Lorrane, Rafael Azevedo Lima, Eduardo Martins, Edilson Niehues Rodrigues Lima
2018–2019: Valesca Scarlat C. da Fonseca, Raissa Paiva Pires, Vitor Gabriel G. da Silva, Saulo Barros de Melo, Ateldy

Brasil Filho

2012–2014: Leonardo Alves dos Santos, André S. R. de Souza Marques, Wilton da Silva Rodrigues, Thiago F. Figueiredo, Lucas B. Cusinato Rodrigues

2009–2010: Rafael S. Suguiura (USP), Marcos Bonci (USP)

Selected Specialization/MBA & Undergraduate Final Projects

2021: Luiz Felipe Pimenta de Araujo (Serious games in teaching business strategy)
2014–2016: 15+ supervisions in business strategy and management topics

PUBLICATIONS

Journal Articles

[1] P. G. R. d. Almeida and C. D. d. Santos. **Artificial intelligence governance: understanding how public organizations implement IT**. *Government Information Quarterly* **42**.1 (2025), pp. 102003–102003.

[2] E. Mahmoudi, M. Movahed, A. Majnemer, C. D. d. Santos, G. Backlin, A. Siou, S. Glegg, L. Pritchard, J. McCabe, and K. Shikako-Thomas. **Gamification strategies that promote leisure participation in children and youth with disabilities**. *Disability and Rehabilitation Assistive Technology* (2025), pp. 1–21.

[3] S. Mori, C. Santos, and I. Ferraz. **Efeitos dos mecanismos de governança na capacidade absortiva de projetos de colaboração internacional: um estudo de caso na organização Embrapa**. *Revista Brasileira de Inovação 24, e* (2025).

[4] S. Mori, C. Santos, and I. Ferraz. **Effects of governance mechanisms on the absorptive capacity of international collaboration projects: a case study in the company Embrapa**. *Revista Brasileira de Inovação 24, e* (2025).

[5] L. F. P. d. Araújo, C. D. d. Santos, I. N. Ferraz, and P. P. d. Paula. **Ensinando estratégia empresarial usando jogos sérios na graduação: estado atual e potencialidades futuras**. *Gestão org* **21**.1 (2024). Open Access.

[6] E. Mahmoudi, P. Y. Yoo, A. Chandra, R. Cardoso, C. D. d. Santos, A. Majnemer, and K. Shikako-Thomas. **Gamification in mobile apps for children with disabilities: scoping review**. *JMIR Serious Games* **12** (2024). Open Access, e49029–e49029.

[7] P. J. d. Moura, C. D. d. Santos, C. G. P. Bellini, and J. J. L. Dias. **The Over-Concentration of innovation and Firm-Specific knowledge in the artificial intelligence industry**. *Journal of the Knowledge Economy* **15**.4 (2024), pp. 20547–20577.

[8] P. P. d. Paula and C. D. d. Santos. **Vulnerabilidade INICIAL PÓS-INCUBAÇÃO: PREVENDO a SOBREVIVÊNCIA ORGANIZACIONAL COM APRENDIZAGEM DE MÁQUINA**. *Revista Gestão e Desenvolvimento* **21**.1 (2024). Open Access, pp. 28–50.

[9] D. A. d. Silva, C. D. d. Santos, and I. N. Ferraz. **Como promover a colaboração em plataformas de dados abertos?** *Revista de Ciências da Administração* **26**.66 (2024). Open Access, pp. 1–30.

[10] E. Mahmoudi, P. Y. Yoo, A. Chandra, R. Cardoso, C. D. d. Santos, A. Majnemer, and K. Shikako-Thomas. **Gamification in mobile apps for children with disabilities: scoping review (Preprint)** (2023). Open Access.

[11] P. P. d. Paula, C. D. d. Santos, and F. F. Couto. **Organizational survival of Technology-Based companies after incubation: a qualitative comparative explanation**. *Review of Business Management* **25**.4 (2023). Open Access, pp. 498–515.

[12] G. d. F. Alves and C. D. d. Santos. **The diffusion of innovations under normative induction in Brazil**. *RAUSP Management Journal* **57**.2 (2022). Open Access, pp. 149–164.

[13] A. Etkkali, P.-N. Placide, and C. D. d. Santos. **Ict governance performance implications in higher education: a systematic review of the literature** (2022), pp. 102–107.

[14] I. N. Ferraz and C. D. d. Santos. **Transformation OF FREE AND OPEN SOURCE SOFTWARE DEVELOPMENT PROJECTS: GOVERNANCE BETWEEN THE CATHEDRAL AND BAZAAR**. *Revista de Administração de Empresas* **62**.1 (2022). Open Access.

[15] L. F. S. Pinto, C. D. d. Santos, and S. S. Onoyama. **Individual factors that influence effort and contributions on Wikipedia**. *arXiv (Cornell University)* (2022). Open Access.

[16] C. D. d. Santos and J. Alves. **Home advantage in the Brazilian elite football: verifying managers' capacity to outperform their disadvantage**. *arXiv (Cornell University)* (2022). Open Access.

[17] C. D. d. Santos, I. Castro, G. Kuk, S. S. Onoyama, and M. F. Moreira. **Bucking the trend: an agentive perspective of managerial influence on blogs attractiveness**. *arXiv (Cornell University)* (2022). Open Access.

[18] C. D. d. Santos, M. Moreira, A. Panis, and D. Alves. **Crowdfunding for entrepreneurial education**. *International Journal of Information and Communication Technology Education* **18**.1 (2022). Open Access, pp. 1–13.

[19] P. G. R. d. Almeida, C. D. d. Santos, and J. S. Farias. **Artificial intelligence regulation: a framework for governance**. *Ethics and Information Technology* **23**.3 (2021), pp. 505–525.

[20] I. N. Ferraz and C. D. d. Santos. **Organization of free and open source software projects: in-between the community and traditional governance**. *Brazilian Business Review* **18**.3 (2021). Open Access, pp. 334–352.

[21] D. A. d. Silva, J. A. D. SILVA, G. d. F. Alves, and C. D. d. Santos. **Gestão de riscos no setor público: revisão bibliométrica e proposta de agenda de pesquisa**. *Revista do Serviço Público* **72**.4 (2021). Open Access, pp. 824–854.

[22] P. Y. Yoo, M. Movahed, I. Rue, C. D. d. Santos, A. Majnemer, and K. Shikako-Thomas. **Changes in use of a leisure activity mobile app for children with disabilities during the COVID-19 pandemic: retrospective study**. *JMIR Pediatrics and Parenting* **5**.1 (2021). Open Access, e32274–e32274.

[23] C. BAZAR. **TRANSFORMAÇÃO DE PROJETOS DE DESENVOLVIMENTO DE SOFTWARE LIVRE: UMA GOVERNANÇA ENTRE A**. *Revista de Administração de Empresas 62 (1), e* (2020).

[24] D. Esashika and C. D. d. Santos. **The influence of sponsors on organizational structure of free software communities**. *arXiv (Cornell University)* (2020). Open Access.

[25] I. Ferraz and C. Santos. **Transformação de projetos de desenvolvimento de software livre: Uma governança entre a catedral e o bazar**. *Revista de Administração de Empresas 62, e* (2020).

[26] A. C. M. L. Ribeiro and C. D. d. Santos. **Isso não é uma pirâmide: revisando o modelo clássico de dado, informação, conhecimento e sabedoria**. *Ciência da Informação* **49**.2 (2020). Open Access.

[27] A. C. M. L. Ribeiro and C. D. d. Santos. **This is not a pyramid: revising the data, information, knowledge and wisdom classical model** (2020). Open Access.

[28] C. R. L. Kohler, C. D. d. Santos, and M. Bursztyn. **Understanding environmental terrorism in times of climate change: implications for asylum seekers in germany**. *Research in Globalization* **1** (2019). Open Access, pp. 100006–100006.

[29] L. F. d. Oliveira and C. D. d. Santos. **Intended AND UNINTENDED CONSEQUENCES OF INNOVATION ADOPTION: OPEN GOVERNMENT DATA ADOPTION BY THE FEDERAL DISTRICT OF BRAZIL**. *REAd Revista Eletrônica de Administração (Porto Alegre)* **25**.1 (2019). Open Access, pp. 1–25.

[30] L. Oliveira and C. Santos. **CONSECUENCIAS PREVISTAS Y NO PREVISTAS DE LA ADOPCIÓN DE INNOVACIÓN: ADOPCIÓN DE DATOS ABIERTOS POR PARTE DEL GOBIERNO DE DISTRITO FEDERAL DE BRASIL**. *REAd. Revista Eletrônica de Administração (Porto Alegre) 25, 1-25* (2019).

[31] L. Oliveira and C. Santos. **CONSEQUÊNCIAS PRETENDIDAS E NÃO PRETENDIDAS DA ADOÇÃO DE INOVAÇÕES: A ADOÇÃO DE DADOS ABERTOS PELO GOVERNO DO DISTRITO FEDERAL DO BRASIL**. *REAd. Revista Eletrônica de Administração (Porto Alegre) 25, 1-25* (2019).

[32] T. L. Gelenske, J. S. Farias, and C. D. d. Santos. **The PERCEIVED RISK AND TRUST IN THE BANK'S BRAND ON THE MOBILE BANKING USER VISION**. *Reuna* **23**.2 (2018). Open Access, pp. 1–22.

[33] L. F. d. Oliveira and C. D. d. Santos. **Public value innovation** (2018), pp. 1–9.

[34] P. P. d. Paula, J. S. Farias, and C. D. d. Santos. **Uma ANÁLISE SOBRE STARTUPS DE BASE TECNOLÓGICA a PARTIR DA LITERATURA DO PERÍODO 2008-2017**. *Anais do ... EGEPE* (2018). Open Access.

[35] L. F. S. Pinto and C. D. d. Santos. **Motivations of crowdsourcing contributors**. *Innovation & Management Review* **15**.1 (2018). Open Access, pp. 58–72.

[36] D. Esashika and C. D. d. Santos. **The influence of sponsors on organizational structure of free software communities** (2017), pp. 265–272.

[37] L. F. S. Pinto, S. S. O. Mori, and C. D. d. Santos. **Inovação na contramão: uma bibliometria dos artigos relativos aos usuários que inventam**. *Revista de Administração* **15**.3 (2017). Open Access, pp. 74–94.

[38] C. D. d. Santos. **Changes in free and open source software licenses: managerial interventions and variations on project attractiveness**. *Journal of Internet Services and Applications* **8**.1 (2017). Open Access.

[39] L. Santos and C. S. Jr. **Um estudo sobre o impacto dos mecanismos não operacionais na efetividade da governança detecnologia da informação pública**. *Revista de Administração (São Paulo) 52 (3), 256-267* (2017).

[40] L. C. Santos and C. D. d. Santos. **A study on the impact of non-operational mechanisms on the effectiveness of public information technology governance**. *Revista de Administração* **52**.3 (2017). Open Access, pp. 256–267.

[41] J. Q. Miranda, C. D. d. Santos, and A. T. Dias. **A INFLUÊNCIA DAS VARIÁVEIS AMBIENTAIS e ORGANIZACIONAIS NO DESEMPENHO DE STARTUPS**. *REGEPE Entrepreneurship and Small Business Journal* **5**.1 (2016). Open Access, pp. 28–65.

[42] I. V. Castro and C. D. d. Santos. **"o que gerencio e de quem dependo?": determinantes da ação de blogueiros**. *Revista de Administração Contemporânea* **19**.4 (2015). Open Access, pp. 486–507.

[43] L. Carletti, T. Coughlan, J. Christensen, E. M. Gerber, G. Giannachi, S. Schutt, R. Sinker, and C. D. d. Santos. **Structures for knowledge co-creation between organisations and the public** (2014), pp. 309–312.

[44] J. S. Farias, S. Sanders, C. D. d. Santos, and K. Rozzett. **Aceitação de tecnologia em terminais de autosserviço aeroportuários: explorando os efeitos dos moderadores idade, experiência e gênero** (2014). Open Access, pp. 66–77.

[45] G. Heindrickson and C. S. Jr. **Governança de ti em organizações públicas: como a efetividade percebida se relaciona com três mecanismos clássicos**. *JISTEM-Journal of Information Systems and Technology Management 11 (2), 297-326* (2014).

[46] G. Heindrickson and C. D. d. Santos. **Information technology governance in public organizations: how perceived effectiveness relates to three classical mechanisms**. *Journal of Information Systems and Technology Management* **11**.2 (2014). Open Access, pp. 297–326.

[47] C. d. S. Jr. **Edição temática: Software Livre/EDITOR's SPACE: Special issue: Free Software**. *Revista Electronica de Sistemas de Informaçao 13 (2), 1* (2014).

[48] C. d. S. Jr. **EDITOR's SPACE Special issue: Free Software**. *Revista Eletrônica de Sistemas de Informação 13 (2)* (2014).

[49] C. D. d. Santos. **Editorial**. *Revista Eletrônica de Sistemas de Informação* **13**.2 (2014). Open Access.

[50] N. Williams. **Global entrepreneurship: case studies of entrepreneurial firms operating around the world**. *International Journal of Entrepreneurial Behaviour & Research* **21**.4 (2014), pp. 642–643.

[51] I. T. V. M. N. Castro and C. D. d. Santos. **Popularidade em blogs: composição, causas e consequências**. *Revista Brasileira de Administração Científica* **4**.2 (2013). Open Access, pp. 185–198.

[52] L. Franco and C. Denner. **Adoção de Práticas de Gestão de Segurança da Informação na Administração Pública Federal (Adoption of Information Security Management Practices in the Federal Public ...** *SSRN Electronic Journal* (2013).

[53] L. Franco and C. Denner. **Adoção de Práticas de Gestão de Segurança da Informação na Administração Pública Federal (Adoption of Information Security Management Practices in the Federal Public Administration)**. *SSRN Electronic Journal* (2013).

[54] C. D. d. Santos, G. Kuk, F. Kon, and J. Pearson. **The attraction of contributors in free and open source software projects**. *The Journal of Strategic Information Systems* **22**.1 (2012). Open Access, pp. 26–45.

[55] V. A. d. Santos, A. Goldman, and C. D. d. Santos. **Uncovering steady advances for an extreme programming course**. *CLEI electronic journal* **15**.1 (2012). Open Access.

[56] P. Meirelles, C. D. d. Santos, J. M. d. Miranda, F. Kon, A. Terceiro, and C. Chávez. **A study of the relationships between source code metrics and attractiveness in free software projects** (2010), pp. 11–20.

[57] C. D. d. Santos and K. M. Nelson. **Motivation TO CREATE FREE AND OPEN SOURCE PROJECTS AND HOW DECISIONS IMPACT SUCCESS**. *Revista Eletrônica de Sistemas de Informação* **9**.2 (2010), pp. 4–4.

[58] C. D. d. Santos. **Understanding partnerships between corporations and the open source community: a research gap**. *IEEE Software* **25**.6 (2008), pp. 96–97.

[59] S. Brookhart, C. d. Flora, and C. D. d. Santos. **Bookshelf**. *IEEE Software* **24**.1 (2007), pp. 92–94.

[60] C. D. d. Santos and M. A. Gonçalves. **Análise da substituição de um software proprietário por umSoftware livre sob a ótica do custo total de Propriedade:Estudo de caso do setor de peças automobilísticas**. *DOAJ (DOAJ: Directory of Open Access Journals)* (2006). Open Access.

Conference Papers

[1] "Estudos de Aston e a Teoria Formal da Diferenciação Estrutural Revisitados: Os Resultados Ainda se Aplicam?" 2025.

[2] A. C. M. L. Ribeiro, G. Demo, and C. D. d. Santos. "Grupo FOCAL: APLICAÇÕES NA PESQUISA NACIONAL EM ADMINISTRAÇÃO". *Dialnet (Universidad de la Rioja)*. 2021.

[3] C. D. d. Santos, M. A. R. Dantas, R. A. d. Carvalho, H. L. C. Júnior, and L. A. Amaral. "Tecnologias e dados abertos para inovação em governo". 2021.

[4] C. D. d. Santos, I. d. Castro, S. S. Onoyama, and M. F. Moreira. "Bucking the trend: an agentive perspective of managerial influence on Blog'S attractiveness". *Proceedings of the ... Annual Hawaii International Conference on System Sciences/Proceedings of the Annual Hawaii International Conference on System Sciences*. Open Access. 2020.

[5] A. Panis, C. D. d. Santos, and J. B. S. Silva. "Crowdfunding in higher education: a classroom exercise for knowledge application and transfer". *AIS Electronic Library (AISeL) (Association for Information Systems)*. 2019.

[6] D. A. Silva and C. D. d. Santos. "Open government data: from transparency to social participation". *AIS Electronic Library (AISeL) (Association for Information Systems)*. 2019.

[7] G. d. F. Alves and C. D. d. Santos. "The day after adoption: managerial innovation abandonment and recycling". *AIS Electronic Library (AISeL) (Association for Information Systems)*. Open Access. 2018.

[8] C. d. Santos. "Whose Stake in Open Source Software Projects." *AMCIS*. 2018.

[9] B. Henrique and C. d. S. Júnior. "As consequências organizacionais das escolhas estratégicas das coalizões dominantes". *Diálogos Interdisciplinares 6 (1), 86-101*. 2017.

[10] L. F. d. Oliveira and C. D. d. Santos. "Inovações no setor público : uma abordagem teórica sobre os impactos de sua adoção". 2017.

[11] L. OLIVIERA. "SANTOS JÚNIOR, Carlos Denner". *Inovações no setor público: uma abordagem teórica sobre os impactos de sua ...* 2017.

[12] L. Santos and C. D. Santos. "Un estudio acerca de la influencia de los mecanismos no operacionales en la efectividad de lagobernanza de tecnología de la información pública". *Sao Paulo: Scielo. Obtenido de http://www. scielo. br/scielo. php*. 2017.

[13] L. F. d. Oliveira and C. D. d. Santos. "The two sides of the innovation coin". *Americas Conference on Information Systems*. 2016.

[14] T. Gelenske, J. Farias, and C. D. S. Junior. "A Relação entre o risco percebido e a confiança na marca do banco na ótica de usuários de mobile banking". *Seminários de Administração 27, 1-17*. 2015.

[15] D. Hastenreiter and C. D. d. Santos. "Impactos da escolha da licença na dinâmica de desenvolvimento de software livre". *Americas Conference on Information Systems*. 2015.

[16] L. F. S. Pinto and C. D. d. Santos. "Motivações dos contribuidores de crowdsourcing full paper". 2015.

[17] C. D. d. Santos and L. F. S. Pinto. "Motivações dos contribuidores de crowdsourcing". *Americas Conference on Information Systems*. 2015.

[18] I. Castro, J. Farias, and C. Júnior. "Redes Sociais Virtuais-Uma investigação de abordagens metodológicas de pesquisa". *CIAIQ*. 2014.

[19] N. Santos, C. d. Sousa, C. d. Santos, and R. Santos. "Business Incubation and the Pipeway Business Case in Brazil". *Global Entrepreneurship, 1-10*. 2014.

[20] C. Chavez, A. Terceiro, P. Meirelles, C. S. Jr, and F. Kon. "Free/libre/open source software development in software engineering education: Opportunities and experiences". *Fórum de Educaçao em Engenharia de Software (CBSoft'11-SBES-FEES)*. 2011.

[21] C. S. Jr, G. Kuk, F. Kon, and R. Suguiura. "The Inextricable Role of Organizational Sponsorship for Open Source Sustainability". *Proceedings of SOS*. 2011.

[22] P. Meirelles, F. Kon, and C. S. Jr. "Semi-Automatic Evaluation of Free Software Projects: A Source Code Perspective". *Salvador, Brazil, 42*. 2011.

[23] C. D. d. Santos, M. B. Cavalca, F. Kon, J. M. Singer, V. Ritter, D. Regina, and T. Tsujimoto. "Intellectual property policy and attractiveness". *Conference on Computer Supported Cooperative Work*. 2011.

[24] C. Melo, C. Jr, G. Ferreira, and F. Kon. "Um estudo exploratório dos fatores associados ao estímulo do aprendizado em times ágeis na indústria". *Experimental Software Engineering Latin American Workshop 7, 80-98*. 2010.

[25] C. D. d. Santos. "Atratividade de projetos de software livre: importância teórica e estratégias para administração". *Sociedad (University of Buenos Aires)*. Open Access. 2010.

[26] C. D. d. Santos, F. Kon, and J. Pearson. "Attractiveness of free and open source software projects". *AIS Electronic Library (AISeL) (Association for Information Systems)*. 2010, p. 105.

[27] C. S. Jr. "Open source software projects' attractiveness, activeness, and efficiency as a path to software quality: an empirical evaluation of their relationships and causes". *Southern Illinois University at Carbondale*. 2009.

[28] C. S. Jr and M. Gonçalves. "A resource-based explanation for the Apache consistent dominance in the web-server industry". *Associação Nacional dos Programas de Pós-Graduação em Administração (ANPAD)*. 2008.

[29] K. Nelson and C. Santos. "Attractiveness of Open Source Projects: A Path to Software Quality". *AMCIS*. 2007.

[30] C. D. d. Santos and M. A. Gonçalves. "Análise da substituição de um software proprietário por um software livre sob a ótica do TCO (Custo total de Propriedade):Estudo de caso do setor de peças automobilísticas". *Americanae (AECID Library)*. Open Access. 2005.

[31] J. AMÂNCIO, C. S. JÚNIOR, and M. GONÇALVES. "Avaliação de sistemas de informações". *CONGRESSO ANUAL DE TECNOLOGIA DA INFORMAÇÃO. Anais CATI, 1-14*. 2004.

Book Chapters

[1] A. C. M. L. Ribeiro, P. C. Ferreira, and C. D. d. Santos. **Automação e mercado de trabalho: análise da literatura e evidências empíricas**. *IPEA eBooks*. Open Access. 2024, pp. 217–253.

[2] S. Barbalho, G. Ghesti, S. Carvalho, C. d. Santos, and . AR Martin. **Capítulo 2 A Gestão da Inovação na Universidade de Brasília**. *BOAS PRÁTICAS DE GESTÃO EM NÚCLEOS DE INOVAÇÃO TECNOLÓGICA: Experiências ...* 2019.

[3] L. F. d. Oliveira and C. D. d. Santos. **Open innovation in the public sector**. *Springer proceedings in complexity*. 2018, pp. 458–466.

[4] C. D. d. Santos, M. A. Gonçalves, and F. Kon. **Apache sustained competitive advantage in the web server industry**. *IGI Global eBooks*. Open Access. 2011, pp. 259–273.

Datasets

[1] P. P. d. Paula, C. D. d. Santos, and F. F. Couto. **Supplementary data - organizational survival of Technology-Based enterprises after incubation: a qualitative comparative explanation**. Harvard Dataverse. Research Dataset. 2023.

[2] I. V. Castro and C. D. d. Santos. **"what do i manage and on whom do i depend": determinants of bloggers' actions**. Research Dataset. 2022.

[3] L. C. Santos and C. D. d. Santos. **A study on the impact of non-operational mechanisms on the effectiveness of public information technology governance**. Research Dataset. 2021.

Open Peer Reviews

[1] C. D. d. Santos. **Review of: "Artificial intelligence and organizational change"** (2023). Open Access.

Under Review / In Preparation

Denner, C. D. (et al.). Building an LLM Firewall: A Multi-Phase Defense Against Prompt Injection – From Patent Landscape to Deployable Input-Side Guardrails. *Communications of the ACM* – Under review.

Denner, C. D. (et al.). Evaluating and Mitigating Hallucinations in Retrieval-Augmented Generation (RAG): An Experimental Framework. Manuscript in preparation.

Denner, C. D. (et al.). The AI Recommendation System of Jooay.com: Enhancing Digital Inclusion for Children and Youth with Disabilities. Manuscript in preparation.

RESEARCH GRANTS

FAP-DF Demanda Espontânea   *2016–2021*
Principal Investigator
Research Support Foundation of Distrito Federal
Amount: ̱70,000 BRL

CAPES Pesquisador Júnior

2018

Principal Investigator
Young Investigator Grant, Coord. for Improvement of Higher Education Personnel
Amount: ~100,000 BRL

CNPq Edital Universal

2013–2015

Principal Investigator
Universal Research Grant, National Council for Scientific and Technological Development
Amount: ~10,000 BRL

AWARDS & HONORS

Horizon Institute Postdoctoral Fellowship

2011–2012

Horizon Digital Economy Research Institute, UK · University of Nottingham

FAPESP Postdoctoral Fellowship

2009–2010

São Paulo Research Foundation, Brazil · University of São Paulo

Pontikes Research Center Fellowship

2007

Southern Illinois University · Open-source community partnership study

John M. Fohr Memorial Scholarship

2007

Southern Illinois University Foundation · Excellence in Management studies

Fulbright/CAPES PhD Fellowship

2005–2009

Fulbright Commission & CAPES, Brazil · Full fellowship for PhD studies in the USA

CNPq MSc Fellowship

2003–2005

CNPq, Brazil · Graduate scholarship for M.Sc. studies in Management

Honorable Mentions

2013, 2015

Two research papers received honorable mention at EnANPAD (Brazilian national conference)

PROFESSIONAL SERVICE

Editorial Board Member

2015–2025

Journal of Global Information Technology Management

Ad-hoc Reviewer (Funding Agencies)

2015–Present

Research grant proposals for CAPES (2015) and FAP-DF (2015–Present)

Board Member

2017–2018

Foundation for Technological Projects (FINATEC), Brasília · University-industry partnerships

Consultant (Data Analytics)

2016–2017

Tribunal de Contas da União (Federal Audit Court), Brazil · Education data analysis

Consultant (Open Source Governance)

2014–2016

Ministério do Planejamento – softwarepublico.gov.br · Platform governance and licensing

Consultant (IT Management)

2013–2014

Ministério do Planejamento, Brazil · IT workforce estimation and decision support

PhD Defense Committee Member

2013–2023

Multiple dissertation committees at Universidade de Brasília and other institutions

Academic Hiring Committee Member

Various years

University faculty hiring panels and graduate scholarship selection committees

Peer Reviewer (14 reviews, 2021–2025)

· Future Business Journal (2025)

· Heliyon – Cell Press (2024)
· Public Management Review (2023, 2 reviews)
· Journal of Global Information Technology Management (2022, 2023, 3 reviews)
· Journal of Open Innovation: Technology, Market, and Complexity (2023)
· Journal of Forensic Psychology Research and Practice (2023)
· IEEE Access (2022, 2 reviews)
· ACM Transactions on Software Engineering and Methodology (TOSEM) (2022)
· Revista de Administração Contemporânea (2022)

Conference Reviewer
AMCIS, ECIS, ICIS, AoM, ANPAD (EnANPAD), and other information systems and management conferences

PROFESSIONAL MEMBERSHIPS

Association for Information Systems (AIS)   *2015 - Present*

Brazilian Academy of Management (ANPAD)   *2010 - Present*

Academy of Management (AOM)   *2016 - Present*