



CS 3201N – CS Thesis 1

Angie M. Ceniza-Canillo, PhD

Full Professor, Department of Computer, Information Sciences and Mathematics

School of Arts and Sciences

University of San Carlos

List of Deliverables

- Deliverable 1: Identify your research interest
- Deliverable 2: Identify your thesis adviser
- Deliverable 3: Checklist

Deliverable 1: Identify your research interest

- You need to identify what will be your possible research topic.
- You need to identify who will be your partner or you are going to do it all by yourself
- Make sure to fill-out to this link: https://docs.google.com/spreadsheets/d/1m--E2J0449oa0i-kN3G603IFkfzEVIQnTgjj_bU26IU/edit#gid=0

Suggested Themes

- The following are Research Themes or Agenda of University of San Carlos:
 - Food
 - Health
 - Water
 - Waste
 - Energy
 - Disaster and Risk Management
 - Governance
 - Education
 - Business
 - Human Resource

Deliverable 2 : Identify your thesis adviser

- Identify at least **3 possible thesis adviser**
 - Angie M. Ceniza-Canillo, PhD
 - Christian V. Maderazo, M.Eng.
 - Godwin S. Monserate, MSIT
 - Christine F. Peña, MMath
 - Archival J. Sebial, DIT
 - Christine Bandalan, M.Eng
 - Peter Fillo, MSDS

Field of Study/Research Interest

- Angie M. Ceniza – Canillo, PhD
- Christian V. Maderazo, M.Eng.
- Godwin Monserate, MSIT
- Christine F. Peña, M.Eng.
- Archival J. Sebial, DIT
- Christine Bandalan, M.Eng.
- Peter Fillo, MSDS

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Angie M. Ceniza-Canillo

Professor of [University of San Carlos](#)
Verified email at usc.edu.ph
[Information and Communic...](#)

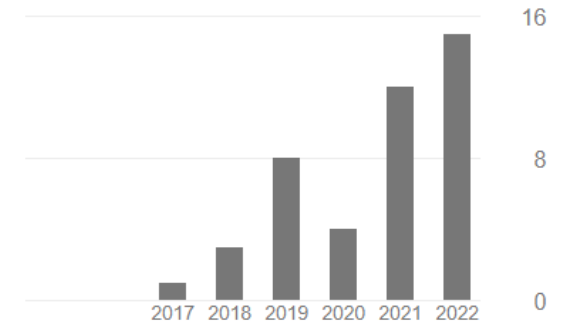
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TITLE	CITED BY	YEAR
Stress sensor prototype: Determining the stress level in using a computer through validated self-made heart rate (HR) and galvanic skin response (GSR) sensors and fuzzy logic ... AD Cantara, AM Ceniza International Journal of Engineering Research & Technology 5 (03)	14	2016
Mobile Application for Recognizing Text in Degraded Document Images Using Optical Character Recognition with Adaptive Document Image Binarization KVB Angie M. Ceniza, Tom Kalvin B. Archival Journal of Image and Graphics 6, 40-47	9 *	2018
Sentiment analysis on the impact of K-12 program in the Philippines using Naive Bayes and lexicon approach with code switching ACB Invento, TJ Lerias, AM Ceniza Proceedings of the 2017 International Conference on Information Technology ...	6	2017
Predicting Academic Performance with Intelligence, Study Habits and Motivation Factors using Naïve Bayes Algorithm JMT Kris A. Capao, Anthonette D. Cantara, Angie M. Ceniza, Eduardo P ... International Journal of Engineering Research & Technology 5 (3), 182-185	5 *	2016
Bias detection in Philippine political news articles using SentiWordNet and inverse reinforcement model TA Quijote, AD Zamoras, A Ceniza IOP Conference Series: Materials Science and Engineering 482 (1), 012036	4	2019

Cited by

	All	Since 2018
Citations	43	42
h-index	4	4
i10-index	1	1



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Christian Maderazo

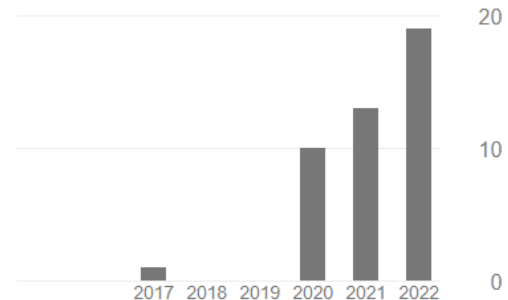
Asst. Professor of IT, [University of San Carlos](#)
Verified email at usc.edu.ph
[artificial intelligence](#)



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	All	Since 2018
Citations	44	43
h-index	3	3
i10-index	3	3



TITLE	CITED BY	YEAR
Automatic music mood recognition using Russell's twodimensional valence-arousal space from audio and lyrical data as classified using SVM and Naïve Bayes KR Tan, ML Villarino, C Maderazo IOP Conference Series: Materials Science and Engineering 482 (1), 012019	14	2019
Image-based pest and disease recognition of tomato plants using a convolutional neural network C Llorca, ME Yares, C Maderazo Proceedings of international conference technological challenges for better ...	14	2018
Classification of cyberbullying in facebook using selenium and SVM KD Gorro, MJG Sabellano, K Gorro, C Maderazo, K Capao 2018 3rd International Conference on Computer and Communication Systems ...	11	2018
Exploring Facebook for sharing crime experiences using selenium and support vector machine KD Gorro, MJG Sabellano, CV Maderazo, AM Ceniza, K Gorro Proceedings of the 2017 International Conference on Information Technology ...	3	2017
Poverty incidence identification of cities and municipalities using convolutional Neural Network as applied to satellite imagery J Mesina, J Isanan, C Maderazo IOP Conference Series: Materials Science and Engineering 482 (1), 012044	1	2019

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Godwin S. Monserate

University Of San Carlos
Verified email at usc.edu.ph
IOT IT Networks

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TITLE	CITED BY	YEAR
Adaptive Network Tools and Services Network Topology Mapper GS Monserate, JS Mendez Proceedings of the 6th International Conference on Information Technology ...		2018

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Christine Peña

Department of Computer and Information Sciences, [University of San Carlos](#)
Verified email at usc.edu.ph

[Data Structure](#) [AI](#) [Data Science](#)

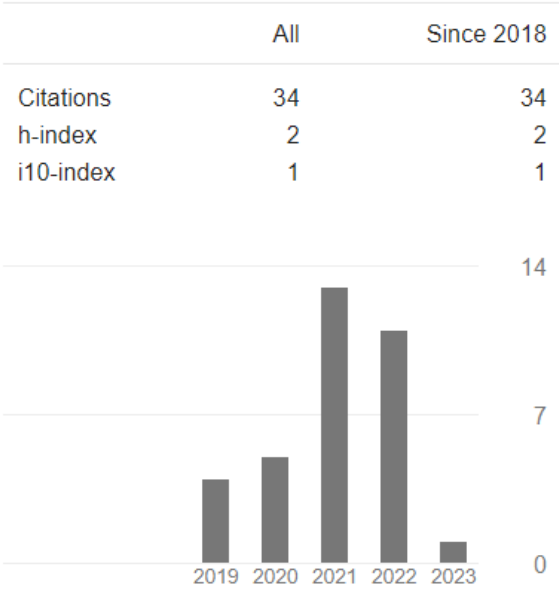
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TITLE	CITED BY	YEAR
An evaluation of svm and naive bayes with smote on sentiment analysis data set AC Flores, RI Icoy, CF Pena, KD Gorro 2018 International Conference on Engineering, Applied Sciences, and ...	32	2018
Social Media Platforms: Alternative Source of Fire Data in Cebu City Using SVM and Correlation Analysis JJ Velasco, DH Tan, C Peña, K Gorro Proceedings of the 2017 International Conference on Information Technology ...	2	2017
Thy-Sys: A Preliminary Thyroid Wellness Assessment Through Machine Learning Using Pathological Factors IR Francisco, MBJ Ferolin, CF Peña, RJ Ferolin 2021 1st International Conference in Information and Computing Research ...		2021

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Archival J. Sebial

Associate Professor, [University of San Carlos](#)
Verified email at usc.edu.ph

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[Computer Networks](#) [Routing Protocols](#) [Big Data](#) [Machine Learning](#) [Information Security](#)

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TITLE	CITED BY	YEAR
Modern file transfer protocol using lossless compression, lattice-based encryption, and a data integrity hashing function VJA Villamora, MS Lim, AJ Sebial IOP Conference Series: Materials Science and Engineering 482 (1), 012050	1	2019
Qualitative Technology Acceptance Evaluation of JIRA in Software Development Using Machine Learning K Gorro, K Gorro, A Ilano, A Sebial, E Ranolo, E Vale		2019
Corroboration of RIPng, EIGRPv6 and OSPFv3 Routing Protocols in IPv6 Environment through Simulation and Actual Operation AJ Sebial International Journal of Engineering & Technology 7 (3.7), 328-331		2018
Validation of RIP, EIGRP and OSPF Routing Protocols Simulation with Subnetting Implementation to Actual Operation using HyperTerminal Emulator A Sebial, CJ Aliac, E Maravillas World Applied Sciences Journal 35 (4), 585-591		2017

Cited by

	All	Since 2018
Citations	1	1
h-index	1	1
i10-index	0	0

Co-authors

- Ken Gorro
Cebu Technological University >
- Elmer Maravillas
Professor of Computer Science, ... >



Christine D. Bandalan

University of San Carlos
Verified email at usc.edu.ph
IT

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TITLE	CITED BY	YEAR
WBC Analysis Through Image Processing CD Bandalan, RG Alegre, AC Allego, PFE Alonso, DL Balagosa, ... ICEIC: International Conference on Electronics, Informations and ...		2010
Reviving RhinoXR-Series Experimental Robot: Pick and Place Implementation CD Bandalan, EGA Genita, TC Imperial, JB Ligan, AP Tuditud ICEIC: International Conference on Electronics, Informations and ...		2010

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Peter Fillo

Instructor of Computer Science, University of San Carlos, Cebu
Verified email at usc.edu.ph

computer networks security

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TITLE	CITED BY	YEAR
Podpora spravovania distribuovaných výpočtov P Fillo, M Kočár, J Krištofik, M Kropáček, M Kvasnička		2006

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Deliverable 3: Checklist

University of San Carlos					
School of Arts and Sciences					
Department of Computer, Information Sciences and Mathematics					
Thesis Title:					
Leader:					
Member:					
Adviser:					
	DELIVERABLES	DUE DATE			REMARKS
		Month	Date	Day	
1	Chapter 2, Chapter 3 and Bibliography	Feb	22	Wed	To be submitted to the Thesis Coordinator
2	Research Objectives/Statement of the Problem	Mar	1	Wed	To be submitted to the Thesis Coordinator
3	Chapter 4 Design and Methodology	Mar	15	Wed	To be submitted to the Thesis Coordinator
4	Appendices (Transmittal Letter, Interview Guide or Questionnaire, Software Requirement Specifications) and CV	Mar	22	Wed	To be submitted to the Thesis Coordinator
5	Chapter 1 and Abstract	Mar	29	Wed	To be submitted to the Thesis Coordinator
6	Proposal Document Draft Chapter 1-4 with References, Appendices, CV	April	5	Wed	To be submitted to the Thesis Coordinator
7	Submission of Agreement Letter	April	19	Wed	To be submitted to the Thesis Coordinator
8	Submission of the 3 copies of Thesis Proposal Document & Sworn and Recommendation Letter	April	26	Wed	To be submitted to the Thesis Coordinator
10	Thesis Proposal Defense	May	2 to 6	Tue to Sat	
11	Submission of Rubric 1, 2.1 & 2.2	May	10	Wed	To be submitted to the Thesis Coordinator
12	Submission of Revise Thesis Document and Compliance Form	May	13	Sat	To be submitted to the Thesis Coordinator
13	Weekly Consultations				
CONSULTATION SCHEDULE (ADVISER):					

Course Outline

The order of content in the proposal document is...

1. Title
2. Abstract
3. Chapter 1 Introduction
4. Chapter 2 Related Review of Literature
5. Chapter 3 Technical Background
6. Chapter 4 Design and Methodology
7. Bibliography
8. Appendix A Transmittal Letter/ Consent Letter
9. Appendix B Interview Guide
10. Appendix Software Requirements Specifications

Course Outline

The order of process to produce the proposal document is...

1. Ideation: conceptualize research problems
2. Data gathering (survey or customer discovery)
3. Review of Related Review of Literature (search and organize related literature or related systems)
4. Technical Background
5. Research Objectives
6. System Requirements Specification
7. Plan for Design and Methodology
8. Introduction
9. Abstract
10. Title

Thank you for listening. 😊