

VINOD KUMAR AHUJA

Assistant Professor, Computing and Data Science
Department of Computing & Software Engineering
U. A. Whitaker College of Engineering
Florida Gulf Coast University
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EDUCATION

Ph.D. in Information Technology Aug 2023

University of Nebraska Omaha, USA

Dissertation: Exploring corporate boundaries in the collaborative creation of open source software

Concentration: Human-Centered Computing

Advisor: Prof. Matt Germonprez

Master of Science in Management Information System Dec 2018

University of Nebraska Omaha, USA

Concentration: Data Analytics

Thesis: Measuring the Impact of Open Source Projects

Advisor: Prof. Matt Germonprez

Masters of Business Administration Jun 2003

Quaid-i-Azam University, Islamabad, Pakistan

Post Graduate Diploma in Computer Science Nov 2002

Quaid-i-Azam University, Islamabad, Pakistan

Bachelor of Business Administration May 2001

Institute of Business Administration, Karachi, Pakistan

ACADEMIC CERTIFICATIONS

Data Analytics - Graduate Certificate Dec 2018

University of Nebraska Omaha, USA

Systems Analysis and Design - Graduate Certificate Aug 2018

University of Nebraska Omaha, USA

PROFESSIONAL CERTIFICATIONS

Passed Chartered Financial Analyst (CFA) Level II Exam Jun 2010

CFA Institute, USA

Banking Associateship Jul 2009

Institute of Bankers, Karachi, Pakistan

Banking Diploma Dec 2004

Institute of Bankers, Karachi, Pakistan

ACADEMIC APPOINTMENT

Assistant Professor, Computing and Data Science
Florida Gulf Coast University

Aug 2023 –
To date

RESEARCH EXPERIENCE

Graduate Research Assistant
Bridge Lab, University of Nebraska Omaha

2017 – 2023

FIELD ENGAGEMENT EXPERIENCE

- **Maintainer** - Linux Foundation, Community Health Open Source Software (CHAOSS) Project 2017– Present

JOURNAL PAPERS

- Link, G. J.P., K. Lombard, N. Damen, H. Rosser, M. Germonprez, S. Goggins, A. Wiggins, V. Ahuja, J. Brier, J. Cohoon, A. Halfaker, J. Howison, D. Marti, G. Newman, C. Østerlund, R. Paik, B. Rother, A. Schecter (2018). Open Community Health: Workshop Report. *Journal of Peer Production*, Issue 13.

CONFERENCE PAPERS

- Ahuja, V. K., Rosser H., Grover A., and Hale M., (2022). Phish finders: Improving cybersecurity training tools using citizen science. *ICIS 2022 Proceedings*. <https://aisel.aisnet.org/icis2022/security/security/1/>.
- Rosser H., Mayor M., Stemmler A., Ahuja, V., Grover A., and Hale M., (2022). Phish Finders: Crowd-powered RE for anti-phishing training tools. *2022 IEEE 30th International Requirements Engineering Conference Workshops (REW)*, 130–35, 2022. <https://doi.org/10.1109/REW56159.2022.00031>.
- Ahuja, V.K., Kazantsev, N., and Plattfaut, R. (2022). Open Innovation via Open Source: Collaboration of Tech Companies to Infuse Automobiles with Digital Technologies, *AMCIS 2022 Proceedings*.
- Ahuja, V.K., and Germonprez, M. (2021). Exploring corporate boundaries in the collaborative creation of open source software, *ICIS 2021 TREOs*. 5.
- Lombard, K., Ahuja, V., and Snell, M. (2020). Open Agriculture and the Right-to-Repair Community Movement, *MWAIS 2020 Proceedings*. 13. Available at: <https://aisel.aisnet.org/mwais2020/13>
- Ahuja, V., Wiggins, A., and Mudhelli, S., (2019). The Impact of Screen Size on Crowdsourced Image Classification. *In Proceedings of the 22nd ACM Conference on Computer-Supported Cooperative Work and Social Computing*, Austin, TX.
- Lombard, K., Ahuja, V., Goggins, S., and Germonprez, M. (2019). Something to Talk About: Exploring Open Source Design Spaces. *Fourteenth Midwest Association for Information Systems Conference 2019 Proceedings*. Oshkosh, WI.
- Ahuja, V., & Germonprez, M. (2018). Measuring Open Source Software Impact. *AMCIS 2018 Proceedings*. Available at: <http://aisel.aisnet.org/amcis2018/Openness/Presentations/7>

PRE-PRINT PAPERS

- Ahuja, V. K., Rosser, H. K., & Grover, A. (2021). Is that a Duiker or Dik Dik Next to the Giraffe? Impacts of Uncertainty on Classification Efficiency in Citizen Science. arXiv preprint arXiv:2110.07750.

ARTICLES

- Ahuja, V., Marti, D., Link, G., Germonprez, M., and Goggins, S. (2018). How to Measure the Impact of Your Open Source Project, *Opensource.com*, Available at: <https://opensource.com/article/18/5/metrics-project-success>

DISSERTATION & THESIS

- Ahuja, V. K. (2023). Where Companies Draw the Line: Exploring Corporate Boundaries in the Collaborative Creation of Open Source Software. Available at <https://www.proquest.com/dissertations-theses/where-companies-draw-line-exploring-corporate/docview/2828280747/se-2>

- **Ahuja, V. K.** (2018). Measuring the impact of open-source projects. Available at <https://www.proquest.com/dissertations-theses/measuring-impact-open-source-projects/docview/2183406650/se-2>

PAPERS UNDER PREPARATION

- **Ahuja, V. K.**, Rosser H., Grover A., and Hale M., (2022) Phish Finders: Evaluating Crowdsourcing in Cyber Security. Target Journal *AIS Transactions on Human-Computer Interaction*.
- Lumbard, K., **Ahuja, V.**, Verma S., Germonprez, M. and Goggins, S., (2022). Fork me? Fork you! An examination of task success in organizational-communal open source project. Target Journal *Information Systems Research*.
- Lumbard, K., **Ahuja, V.**, Cantu M., (2023). A Systematic Mapping Study on Open Source Agriculture Technology Research. Target Journal *Journal of AIS*.

TALKS & PRESENTATIONS

- "Unlocking Innovation: Corporate Outsourcing through Open Source". Interdisciplinary Open Practices Workshop, 2023, University of Vermont, Burlington, Vermont, USA, available at <https://verso.w3.uvm.edu/iop-workshop-panels/>
- "Navigating AGL Documentation: Best Practices to make Documentation Accessible and User-Friendly". Automotive Grade Linux All Member Meeting 2023, Berlin/Virtual, available at https://www.youtube.com/watch?v=2-Gz-3v_Lao
- "What's Hot and What's Not: Mapping Consensus in IS Research with Citizen Science", Special Issue Workshop of the Journal of Information Technology on Next-Generation IS Research Methods at ICIS 2022, Virtual
- "Open Innovation via Open Source: Collaboration of Tech Companies to Infuse Automobiles with Digital Technologies". AMCIS 2022, Minneapolis, MN
- "Where Companies Draw the Line: Exploring Corporate Boundaries in the Collaborative Creation of Open-source Software." The 18th Annual Big XII+ MIS Research Symposium 2022, University of Houston.
- "Where companies draw the line: Understanding the corporate boundaries in the collaborative creation of a digital artifact - The Case Study of Automotive Grade Linux." Student Research and Creativity Fair 2022, University of Nebraska at Omaha.
- "Exploring corporate boundaries in the collaborative creation of open source software." ICIS 2021 TREOs Virtual
- "Something to Talk About: Exploring Open Source Design Spaces." MWAIS 2019, Oshkosh, WI.
- "Business Value Creation Through Open Source Engagement." Student Research and Creativity Fair 2019, University of Nebraska at Omaha.
- "Measuring Open Source Software Impact". AMCIS 2018, New Orleans, LA.

TEACHING EXPERIENCE

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|---|-------------|
| • Introduction to Data Engineering, COP 3710 (2 sections), Florida Gulf Coast University | Spring 2024 |
| • Operating Systems, COP 4610 (2 sections), Florida Gulf Coast University | Fall 2023 |
| • Introduction to Applied Statistics, CIST 2500, University of Nebraska at Omaha | Fall 2021 |
| • Conducted workshops as Financial Trainer, Institute of Bankers, Pakistan | 2011-2016 |
| • Conducted workshops as Financial Trainer, United Bank Ltd (UBL) Training Center, Pakistan | 2008-2016 |

MENTORING EXPERIENCE

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| • Mentored one Head Start student at Florida Gulf Coast University | 2023-2024 |
| • Mentored two WiSER (Work in Scholarly Experiences & Research) Research Assistants at Florida Gulf Coast University | 2023-2024 |
| • Mentored one Google Summer of Code Student through CHAOSS open source project | Summer 2022 |
| • Mentored one Google Summer of Code Student through CHAOSS open source project | Summer 2021 |
| • Mentored one High School Intern at University of Nebraska Omaha resulting a paper publication at the CSCW conference | Summer 2019 |

PROFESSIONAL EXPERIENCE

Regional Manager/SVP Faysal Bank Limited (FBL), Karachi, Pakistan	2016
District Manager/ VP United Bank Limited (UBL), Karachi, Pakistan	2007 – 2016
Branch Manager MCB Bank Limited (MCB), Karachi, Pakistan	2002 – 2007

INTERNAL GRANTS

- FGCU, Professional Development Fund Grant, 2023-24, \$330
- FGCU, Whitaker Center Mini-Grant Award, 2023-24, \$500
- FGCU, Lucas Center Professional Development Award, Spring 2024, \$600
- FGCU, U.A. Whitaker College of Engineering, Head Start Program 2023, \$5,000
- UNO Graduate Studies Travel Award 2022, \$1,000
- UNO Research and Creative Activity (GRACA) [Research Grant 2021](#), \$5,000
- UNO Research and Creative Activity (GRACA) [Research Grant 2019](#), \$5,000
- UNO Graduate Studies Travel Award 2019, \$988

EXTERNAL GRANTS

- **Travel Award** – Interdisciplinary Open Practices Workshop, University of Vermont, Burlington, USA, \$1,500
- **Bonders Award** – INFORMS Doctoral Student Colloquia, 2022, Indianapolis, Indiana, \$365
- **Linux Foundation Scholarship** – Open Source Summit North America 2019, San Diego, California, \$950
- **Linux Foundation Travel Award** – Open Source Summit North America 2019, San Diego, California, \$1,221

HONORS & AWARDS

Professional Awards

- **Doctoral Consortium**, Americas Conference on Information Systems (AMCIS) 2022
- **Invited**, Mozilla Open Source Student Network (OSSN) Summit 2018

University Awards

- **Graduate Assistantship**, College of Information Science and Technology, University of Nebraska at Omaha, 2017- 2023
- Merit-based scholarship for BBA – Commecs Institute of Business Education, Pakistan 2001-2003

PEER REVIEW EXPERIENCE

- European Conference on Information Systems (ECIS) 2024
- Conference on Information Systems for Crisis Response and Management (ISCRAM) 2023
- International Conference on Information Systems (ICIS) 2022
- Computer-Supported Cooperative Work and Social Computing (CSCW) 2022
- Americas Conference on Information Systems (AMCIS) 2022
- International Conference on Information Systems (ICIS) 2021
- Computer-Supported Cooperative Work and Social Computing (CSCW) 2021
- UNO Committee on Research and Creative Activity (UCRCA) - Reviewed 22 proposals 2020-2021
- Annual Conference on IT Education - Special Interest Group for IT Education (SIGITE) 2020
- International Conference on Information Systems (ICIS) 2020
- European Conference on Information Systems (ECIS) 2020
- Communications of the Association for Information Systems (CAIS) Journal 2019
- International Symposium on Open Collaboration (OpenSym) 2018

Updated Jan 2024

PROFESSIONAL UNIVERSITY ACTIVITIES

- Florida Gulf Coast University, Administrative Specialist Search Committee 2023-2024

CONFERENCE ACTIVITIES

- **Volunteer** – Americas Conference on Information Systems (AMCIS), Minneapolis 2022
- **Organizer** – CHAOSScon North America Organizing Committee, Dublin 2022
- **Session Chair** – Americas Conference on Information Systems (AMCIS), Minneapolis 2022
- **Session Chair** – Midwest Association for Information Systems (MWAIS) Conference, Omaha 2022
- **Session Chair** – The 18th Annual Big XII+ MIS Research Symposium, Houston 2022
- **Organizer** – CHAOSScon North America Organizing Committee, Seattle 2021
- **Volunteer** – Computer-Supported Cooperative Work and Social Computing (CSCW), Virtual 2020
- **Volunteer** – Special Interest Group for IT Education (SIGITE) Conference, Virtual 2020
- **Organizer** – CHAOSScon North America Organizing Committee, San Diego 2019
- **Volunteer** – Omaha Workshop on Open Community Health and Sustainability 2018

PROFESSIONAL TRAINING (WORKSHOP ATTENDED)

- New Faculty Academy Training, Florida Gulf Coast University 2023
- MISQ Special Issue on Registered Reports - Virtual 2023
- Special Issue Workshop of the Journal of Information Technology (JIT) – Next-Generation IS Research Methods – Virtual 2022
- Methods of Coding Qualitative Data – by Johnny Saldaña – Virtual 2021
- 7 Habits of Highly Effective People by Stephen Covey Co. – Institute of Bankers Pakistan (IBP) 2015
- Anti-Money Laundering and Combating the Financing of Terrorism – IBP 2014
- Branch Fraud Risk Management – IBP 2014
- IFC - Business Edge Training of Trainers (ToT) - IBP 2011
- Course Assessment & Testing – IBP 2010
- Advance Workshop on Item Construction, Review & Analysis – IBP 2010

PROFESSIONAL WORKSHOP CONDUCTED – IBP

- Branch Managers Certification Program 2016
- Branch Revenue and Profitability 2016
- Improving your selling skills 2015
- Becoming More Effective Manager 2015
- Branch Revenue and Profitability 2014
- Sales Management 2014
- Developing Core Banking Skills 2013
- Managing Branch Profitability & Designing Branch Business Plan 2013
- Effective Managerial Skills 2013
- Branch Business Development Skills 2013
- Deposit Mobilization 2013
- Business Development Skills 2012
- Branch Revenue and Profitability 2012
- Liquidity Management and Deposit Mobilization 2012

ACADEMIC ACTIVITIES

- Co-Founder, Mozilla Campus Club – University of Nebraska at Omaha 2018- 2020
- Vice President, MIS Student Organization (MISSO) – University of Nebraska at Omaha 2017-2018

PROFESSIONAL AFFILIATIONS

- Association for Information Systems (AIS)
- AIS SIGOPEN (Special Interest Group on Open Research and Practice)
- AIS SIGDITE (Special Interest Group on Digital Innovation, Transformation, & Entrepreneurship)
- Midwest Association for Information Systems (MWAIS)

TECHNICAL SKILLS

- **Qualitative Research:** Interviews, Surveys, Thematic Analysis
- **Programming Language:** R, Python, SQL, XML, HTML
- **Database:** MySQL, Postgres, MS Access, Oracle
- **Data Analytics Tools:** SPSS, Eviews, R Studio, Jupyter Notebook, Power BI, Tableau
- **Other tools and technologies:** MS Office, MS Visio, MS Project, Git, Gerrit, Latex, Github, NVivo, ATLAS.ti

LANGUAGE

- English – Fluent
- Sindhi – Fluent/Native language
- Urdu – Fluent

REFERENCES

Professor Matt Germonprez

Department of Information Systems and Quantitative Analysis (ISQA)

University of Nebraska Omaha

mgermonprez@unomaha.edu

Associate Professor Matt Hale

School of Interdisciplinary Informatics

University of Nebraska Omaha

mlhale@unomaha.edu

Associate Professor Andrea Grover

Department of Information Systems and Quantitative Analysis (ISQA)

University of Nebraska Omaha

andregrover@unomaha.edu