

DR DOUGLAS A. PARRY

@dougaparry ♦ dougaparry@sun.ac.za

Cognition and Technology Research Group (CTRG)

Information Science, Faculty Arts and Social Sciences, Stellenbosch University, South Africa

PERSONAL DETAILS

DOB	1992 (28 – married)
Website	dougaparry.com ♦ suinformatics.com/ctrig
Google Scholar	bit.ly/2D8pp4V (citations: 120, h-index: 7)
ResearchGate	www.researchgate.net/profile/Douglas_Parry
ORCID	orcid.org/0000-0002-6443-3425
OSF	osf.io/sa5x4

ACADEMIC APPOINTMENTS

Lecturer (US equiv. assistant professor) <i>Information Science, Stellenbosch University</i>	January 2020 - present <i>Stellenbosch, South Africa</i>
Contract Junior Lecturer (full time) <i>Information Science, Stellenbosch University</i>	January 2017 - December 2019 <i>Stellenbosch, South Africa</i>
Contract Junior Lecturer (part time) <i>Information Science, Stellenbosch University</i>	January 2016 - December 2016 <i>Stellenbosch, South Africa</i>

EDUCATION

PhD in Socio Informatics (Stellenbosch University) Supervisors: le Roux, D. B. (Information Science) & Bantjes, J. R. (Psychology)	2019
MA (Cum Laude) in Socio Informatics (Stellenbosch University) Supervisor: le Roux, D. B. (Information Science)	2017
BAHons (Cum Laude) in Socio Informatics (Stellenbosch University) Supervisor: Pretorius, C. (Information Science)	2015
BA in Socio Informatics (Stellenbosch University) Majors: Socio Informatics, Economics	2014
National Senior Certificate (Diocesan College) Mathematics, English, Afrikaans, Information Technology, Physical Sciences, Visual Arts	2010

VISITING POSITIONS

Research Fellow (pending COVID-19 impact) <i>The Weizenbaum-Institut für die vernetzte Gesellschaft – The German Internet Institute, Germany</i>	June 2021
Visiting Researcher <i>Chair of Business Informatics, Universität Potsdam, Germany (DAAD funded)</i>	November 2019

JOURNAL ARTICLES (REFEREED)

9. Dienlin, T., Johannes, N., Bowman, N. D., Masur, P. K., Engesser, S., Kumpel, A. S., Lukito, J., Bier, L. M., Zhang, R., Johnson, B. K., Huskey, R., Fisher, J. T., Schneider, F. M., Breuer, J., **Parry, D. A.**, Banks, J., TeBlunthuis, N., Vermeulen, I., Smits, T., Weber, R., Won, A. S., Ellis, D. A., Unkel, J., Wang, X., Trepte, S., Ivory, J. D., Neubaum, G., Bachl, M., Winter, S., Davidson, B. I., Kim, N., Kramer, N., Utz, S., Carpenter, C. J., Levine, T. R., Lewis, N. A., Rinke, E. M., McEwan, B., Domahidi, E., de Vreese, C., (2020). An Agenda for Open Science in Communication. *Journal of Communication*. doi.org/10.1093/joc/jqz052 [Open Access]

8. **Parry, D. A.**, le Roux, D. B., Bantjes, J. R., (2020). Testing the Feasibility of a Media Multitasking Self-regulation Intervention for Students: Behaviour Change, Attention, and Self-perception. *Computers in Human Behavior*, 104. DOI: doi.org/10.1016/j.chb.2019.106182, Preprint DOI: doi.org/10.31234/osf.io/r8kdp
7. le Roux, D.B., **Parry, D.A.**, (2019). Off-task Media Use in Academic Settings: Cycles of Self-regulation Failure. *Journal of American College Health*. DOI: doi.org/10.1080/07448481.2019.1656636
6. **Parry, D.A.**, le Roux, D. B., & Cornelissen, L.A., (2019). Managing In-Lecture Media Use: The Feasibility and Value of a Split-Class Policy. *Journal of Computing in Higher Education*, 32(2), 261281. DOI: doi.org/10.1007/s12528-019-09232-z
5. **Parry, D.A.**, (2019). Computing Research in South Africa: A Scientometric Investigation. *South African Computer Journal* 31(3), 51-79. DOI: doi.org/10.18489/sacj.v31i1.674 [Open Access]
4. le Roux, D.B., **Parry, D.A.**, (2019). Investigating differences in the attention distribution strategies of high and low media multitaskers through a two-dimensional game. *Cyberpsychology: Journal of Psychosocial Research on Cyberspace* 13(3). DOI: <https://doi.org/10.5817/CP2019-3-2> [Open Access]
3. **Parry, D.A.**, le Roux, D. B., (2019). Media Multitasking and Cognitive Control: A Systematic Review of Interventions. *Computers in Human Behavior*, 92, 316-327. DOI: doi.org/10.1016/j.chb.2018.11.031
2. **Parry, D.A.**, le Roux, D.B., (2018). In-lecture Media Use and Academic Performance: Investigating Demographic and Intentional Moderators. *South African Computer Journal* 30(1), 85-107. DOI: doi.org/10.18489/sacj.v30i1.434 [Open Access]
1. le Roux, D. B., **Parry, D.A.**, (2017). In-lecture Media Use and Academic Performance: Does Subject Area matter? *Computers in Human Behavior*, 77, 86-94. DOI: doi.org/10.1016/j.chb.2017.08.030

BOOK SECTIONS (REFEREED)

5. Abendroth A., **Parry D.A.**, le Roux D.B., Gundlach J. (2020) An Analysis of Problematic Media Use and Technology Use Addiction Scales What Are They Actually Assessing?. In: Hattingh M., Matthee M., Smuts H., Pappas I., Dwivedi Y., Mntymki M. (eds) *Responsible Design, Implementation and Use of Information and Communication Technology. I3E 2020. Lecture Notes in Computer Science*, vol 12067. Springer, Cham. DOI: doi.org/10.1007/978-3-030-45002-1_18, Preprint DOI: doi.org/10.31234/osf.io/qgra8
4. le Roux D.B., **Parry D.A.** (2020) The Town Square in Your Pocket: Exploring Four Metaphors of Social Media. In: Hattingh M., Matthee M., Smuts H., Pappas I., Dwivedi Y., Mntymki M. (eds) *Responsible Design, Implementation and Use of Information and Communication Technology. I3E 2020. Lecture Notes in Computer Science*, vol 12067. Springer, Cham. DOI: doi.org/10.1007/978-3-030-45002-1_16, Preprint DOI: doi.org/10.31235/osf.io/58bvj
3. **Parry D.A.**, le Roux D.B. (2020) Introducing the Media Use Behaviour Conceptual Framework. In: Hattingh M., Matthee M., Smuts H., Pappas I., Dwivedi Y., Mntymki M. (eds) *Responsible Design, Implementation and Use of Information and Communication Technology. I3E 2020. Lecture Notes in Computer Science*, vol 12067. Springer, Cham. DOI: doi.org/10.1007/978-3-030-45002-1_15, Preprint DOI: doi.org/10.31234/osf.io/3cz9p
2. **Parry D.A.**, le Roux D.B., (2019). Off-task Media Use in Lectures: Towards a Theory of Determinants. In: Kabanda S., Suleman H., Gruner S. (eds) *ICT Education. SACLA 2018. Communications in Computer and Information Science*, 963. Springer, Cham. DOI: doi.org/10.1007/978-3-030-05813-5_4
1. le Roux D.B., **Parry D.A.**, (2017) A New Generation of Students: Digital Media in Academic Contexts. In: Liebenberg J., Gruner S. (eds) *ICT Education. SACLA 2017. Communications in Computer and Information Science*, 730. Springer, Cham. DOI: doi.org/10.1007/978-3-319-69670-6_2

CONFERENCE PROCEEDINGS (REFEREED)

5. Broughton, A., Daly, M.D., Marx, N., Nieuwoudt, M., le Roux, D. B., **Parry, D.A.**, (2019). An exploratory investigation of online and offline social behaviour among digital natives *Proceedings of the 2019 Annual Research Conference of the South African Institute of Computer Scientists and Information Technologists*

(SAICSIT 2019), Skakuza, South Africa, ACM. DOI: doi.org/10.1145/3351108.3351146, Preprint DOI: doi.org/10.31234/osf.io/8exrw

4. Mbilini, S., le Roux, D. B., **Parry, D.A.**, (2019). Does automation influence career decisions among South African students? *Proceedings of the 2019 Annual Research Conference of the South African Institute of Computer Scientists and Information Technologists (SAICSIT 2019)*, Skakuza, South Africa, ACM. DOI: doi.org/10.1145/3351108.3351137
3. Pretorius A, **Parry D.A.**, (2016). Human Decision Making and Artificial Intelligence - A Comparison in the Domain of Sports Prediction. In: Coetzee M, Ehlers E, Coulter D, Marnewick C, Leung WS (eds.) *Proceedings of the 2016 Annual Research Conference of the South African Institute of Computer Scientists and Information Technologists (SAICSIT 2016)*, Johannesburg, South Africa, ACM. DOI: doi.org/10.1145/2987491.2987493
2. Leysens J.L., le Roux D.B., **Parry, D.A.**, (2016). Can I have your attention please? An empirical investigation of media multitasking during university lectures In: Coetzee M, Ehlers E, Coulter D, Marnewick C, Leung WS (eds.) *Proceedings of the 2016 Annual Research Conference of the South African Institute of Computer Scientists and Information Technologists (SAICSIT 2016)*, Johannesburg, South Africa, ACM. DOI: doi.org/10.1145/2987491.2987498
1. **Parry D.A.**, Pretorius C., (2015). Maps as a technique for visualizing load-shedding schedules. In: Barnett, R. J., Cleophas, L., Kourie, D. G., le Roux, D. B., Watson, B. W. (eds.) *Proceedings of the 2015 Annual Research Conference of the South African Institute of Computer Scientists and Information Technologists (SAICSIT 2015)*, Stellenbosch, South Africa, ACM. DOI: doi.org/10.1145/2815782.2815784

OTHER PUBLICATIONS

4. **Parry, D.A.**, (2019). *Media Multitasking and Cognitive Control: Assessing the Feasibility of an Intervention Requiring the Self-regulation of Smartphone Use*. Doctoral Thesis, Stellenbosch University. DOI: hdl.handle.net/10019.1/107323
3. **Parry, D.A.**, (2019). Book Review: Permanently Online, Permanently Connected: Living and Communicating in a POPC World. *Information, Communication, and Society* 22(12), 1841-1844. doi.org/10.1080/1369118X.2019.1590441
2. **Parry, D.A.**, (2017). *The digitally-mediated study experiences of undergraduate students in South Africa*. Master's thesis, Stellenbosch University. DOI: hdl.handle.net/10019.1/102667
1. **Parry, D.A.**, (2015). *An investigation of alternative information displays for load-shedding schedules*. Bachelor's (Honours) mini-thesis, Stellenbosch University.

PUBLICATIONS IN REVIEW OR REVISION (LIMITED)

Parry, D. A., le Roux, D. B., Morton, J., Pons, R., Pretorius, R., Schoeman, A., Digital Wellbeing Applications: Adoption, Use and Perceived Effects. Submitted for review 03 September, 2020. Preprint: <https://doi.org/10.31235/osf.io/6e9ap>

ACADEMIC CONFERENCE PRESENTATIONS (REFEREED)

10. **Parry, D. A.**, le Roux, D. B., Morton, J., Pons, R., Pretorius, R., Schoeman, A., (2020). Are 'Digital Wellbeing Applications' Important for Digital Wellbeing? *18th International CyberSpace Conference, Virtual (due to COVID-19 pandemic)*.
9. Dienlin, T., Johannes, N., Bowman, N. D., Masur, P. K., Engesser, S., Kumpel, A. S., Lukito, J., Bier, L. M., Zhang, R., Johnson, B. K., Huskey, R., Fisher, J. T., Schneider, F. M., Breuer, J., **Parry, D. A.**, Banks, J., TeBlunthuis, N., Vermeulen, I., Smits, T., Weber, R., Won, A. S., Ellis, D. A., Unkel, J., Wang, X., Treppe, S., Ivory, J. D., Neubaum, G., Bachl, M., Winter, S., Davidson, B. I., Kim, N., Kramer, N., Utz, S., Carpenter, C. J., Levine, T. R., Lewis, N. A., Rinke, E. M., McEwan, B., Domahidi, E., de Vreese, C., (2020). An Agenda for Open Science in Communication. Paper to be presented at the *70th annual conference of the International Communication Association (ICA)*, Virtual (due to COVID-19 pandemic).

8. Abendroth, A., Krasnova, H., Gundlach, J., **Parry, D. A.**, le Roux, D. B. (2019). Technology Use Addiction: Scales, Dimensions, Validity? *17th International CyberSpace Conference Brno, Czech Republic*.
7. le Roux, D. B., **Parry, D. A.** (2019). Towards an Integrated Framework of Technology Use Dimensions *17th International CyberSpace Conference Brno, Czech Republic*.
6. **Parry, D.A.**, le Roux, D. B., & Cornelissen, L.A. (2018). Lecturer versus Smartphone: Towards a Policy for Teaching Distracted Minds. *11th Annual Scholarship for Teaching and Learning conference (SOTL). Somerset West, South Africa*.
5. **Parry, D.A.**, le Roux, D. B. (2017). Irresistible Media: Why Do Students Media Multitask? *15th International CyberSpace Conference. Brno, Czech Republic*.
4. le Roux, D.B. **Parry, D.A.**, (2017). Metaphors of Social Media. *15th International CyberSpace Conference. Brno, Czech Republic*.
3. **Parry, D.A.**, le Roux D.B. (2017) Smartphones in lectures, is resistance futile? *10th Annual Scholarship for Teaching and Learning conference (SOTL). Somerset West, South Africa*.
2. le Roux, D.B., **Parry, D.A.**, Leysens, J. (2016). Smart Phones, Stupid People? *14th International CyberSpace Conference. Brno, Czech Republic*.
1. **Parry, D.A.**, le Roux D.B, Leysens J.L. (2016) Media Multitasking in Academic Contexts: An Empirical Analysis of Media Use Within University lectures. *9th Annual Scholarship for Teaching and Learning conference (SOTL). Somerset West, South Africa*.

PUBLIC LECTURES, INVITED TALKS, SEMINARS & COLLOQUIA

9. **Parry, D.A.*** (2020) Media effects Research: Our work and current challenges. Invited Seminar presented at the Department of Journalism, Stellenbosch University, South Africa.
8. **Parry, D.A.*** (2019) Collecting Digital Trace Data & Quantitative Text Analysis: An introduction. Methods Workshop presented at the Weizenbaum-Institut für die vernetzte Gesellschaft – The German Internet Institute, Berlin, Germany.
7. **Parry, D.A.*** (2019) Systematic Reviews & Meta-Analyses: An introduction. Methods Workshop presented at The the Weizenbaum-Institut für die vernetzte Gesellschaft – The German Internet Institute, Berlin, Germany.
6. **Parry, D.A.*** (2019) Technology use effects: current evidence and challenges. Invited Seminar presented at the Department of Statistics and Actuarial Science, Stellenbosch University, South Africa.
5. **Parry, D.A.***, le Roux, D.B., (2018) Permanently Online, Permanently Connected Media Multitasking and Distractibility – Is it So Bad and What Can We Do About It? Invited talk presented at the Milton Erikson Annual Conference 2018. Somerset West, South Africa.
4. le Roux, D.B.*, **Parry, D.A.***, (2017) Media Multitasking and Distractibility: Where we are, how we got here and where we're going. Seminar Presented at the Chair for Business Informatics, Social Media and Data Science, Universität Potsdam, Germany.
3. le Roux, D.B.*, **Parry, D.A.***, (2017) The Relationship Between Media Multitasking and Cognition – What Do We Know? Seminar Presented at the Whitaker Institute for Innovation and Societal Change, National University of Ireland, Galway, Ireland.
2. le Roux, D.B.*, **Parry, D.A.***, (2017) The State of Research Concerning the Relationship between Media Multitasking and Cognition. Colloquium Presented at the Information Science Departmental Colloquia, Stellenbosch University, South Africa
1. **Parry, D.A.***, Pretorius, A., (2016) Human Decision Making and Artificial Intelligence – Predicting Sports Results. Colloquium Presented at the Information Science Departmental Colloquia, Stellenbosch University, South Africa

GRANTS, BURSARIES & OTHER FUNDING

SICSS Partner Site Financial Support	2020
<i>Alfred P. Sloan Foundation, Russel Sage Foundation, Facebook, & SSRC Through Salganik, M. & Bail, C.</i>	\$15 000
Travel Grant	2019
<i>DAAD-International Study and Training Partnership (Germany)</i>	€1246
Harry Crossley Doctoral Bursary for Local Study	2018
<i>Harry Crossley Foundation</i>	R120 000
Travel Grant	2017
<i>Stellenbosch Division for Research Development</i>	R15 000
Mellon Early Career Research Development Grant	2017
<i>Mellon Foundation</i>	R25 000
Post-Graduate Merit Bursary	2016
<i>Stellenbosch University</i>	R27 500
Scarce Skills Bursary	2015
<i>South African National Research Foundation</i>	R40 000
Post-Graduate Merit Bursary	2015
<i>Stellenbosch University</i>	R17 500
Senior Merit Bursary	2014
<i>Stellenbosch University</i>	R7 500

AWARDS AND HONOURS

Best Paper Award	2018
<i>SACLA'18: Off-task Media Use in Lectures: Towards a Theory of Determinants (with DB le Roux)</i>	
Bronze Award of Excellence: Division 3 – Skills/Writing for News Media	2018
<i>MACE congress awards: “Smartphones Keep Students from Concentrating during Lectures” (with DB le Roux & the SU Corporate Communications Division)</i>	
Think Tank Participant	2016
<i>Stellenbosch University, Katholieke Universiteit (KU) Leuven, Belgium</i>	
Other honours and awards	
<i>Included in top 10 undergraduate economics students.</i>	2014
<i>Invited to Golden Key International Honours Society</i>	2013
<i>Full school colours for visual arts, half colours for leadership</i>	2010
<i>Exchange to Llandovery College, Wales</i>	2008

SUPERVISION

Doctoral Supervision

1. Henry, M., (ongoing), Enterprise Social Media within Virtual Teams: congruence, information overload, and well-being. *PhD in Socio Informatics*, SU (co-supervision w/ le Roux, D. B.)

Masters Supervision

4. Eigelshoven, F., (ongoing), TBC. *Master Wirtschaftsinformatik und digitale Transformation*, Universität Potsdam (co-supervision w/ Ulrich, A.).
3. Conradie, L., (ongoing), TBC. *MPhil in Information and Knowledge Management*, SU (full thesis: co-supervision w/ le Roux, D. B.).
2. Schoonwinkel, P., 2020, Classification of Social Media Event-Discussions Using Interaction Patterns: A Social Network Analysis Approach. *MA in Socio Informatics*, SU (full thesis: co-supervision w/ Cornelissen, L. A.).

1. Mbilini, S., 2019, Automation and Labour Demand: South African Students' Awareness and Beliefs. *MA in Socio Informatics*, SU (full thesis: co-supervision w/ le Roux, D. B.).

Honours/4th year project Supervision

- *BComHons ISM, SU*
 - 2020: Morton, J., Pons, R., Pretorius, R., Schoeman, A., Botha, L., Holloway, J., Prenter, A.
 - 2019: Fraser, S., Veness, K., Dow, C., Mauff, D., Rabe, R., Carlisle, N.
 - 2018: Pretorius, A., de Waal, M., Daly, M., Broughton, A., Marx N., Niewoudt, M.
 - 2017: Warmerdam, S., Senior, J., Muller, M., du Plessis, W.
- *Wirtschaftsinformatik & Electronic Government, Bachelor Thesis, Universität Potsdam*
 - 2019: Abendroth, A. (exchange, co-supervision).

TEACHING

Postgraduate Teaching:

BComHons Information Systems Management

2017 - present

- 2020: Data Analysis, Project Management (23 students, 36 contact hours).
- 2019: Data Analysis, Project Management (26 students, 24 contact hours).
- 2018: Research Theory, Enterprise Systems, Project Management (23 students, 36 contact hours).
- 2017: Research Theory, Enterprise Systems (15 students, 24 contact hours).

Undergraduate Teaching:

- Socio Informatics 314, Database Systems (100 contact hours; approx 60 students) 2017 - present
- Socio Informatics 224, Introduction to Programming (60 contact hours, approx 110 students) 2016 - present
- Socio Informatics 262, Decision-making and Organisation (28 contact hours, approx 200 students) 2016

SERVICE IN THE ACADEMIC COMMUNITY

Co-Organiser:

- Summer Institute in Computational Social Science (SICSS) 2020 Partner Site at Stellenbosch University, South Africa. Presented by Salganik, M. & Bail, C., co-organised with Barnett R. J.

Associate Editor (5):

- Pacific Asia Conference on Information Systems (PACIS):
 - 2021: Track, *Sustainability and Societal Impacts of ICTs* (2).
- European Conference on Information Systems (ECIS):
 - 2020: Track, *Social Media – Digital Work Digital Life* (2).
 - 2020: Track, *Theme Track (Liberty, Equality, Fraternity in a Digitizing World: Values and Ethical Perspectives)* (1).

Ad-hoc Journal Reviewer (17):

Technology, Mind, and Behavior (1, Registered Report); Media Psychology (1); Learning and Individual Differences (1); International Journal of Electronic Commerce (1); Psychological Reports (1); Internet Research (2); Behaviour & Information Technology (1); Computers in Human Behaviour (6); Telematics and Informatics (1); South African Computer Journal (2). [**Publons Reviewer Profile**]

Conference Programme (reviewing) Committee (16):

- Computer Supported Cooperative Work and Social Computing Conference (CSCW), 2020 (2).
- International Communication Association (ICA) Annual Conference, 2020 (3).

- IFIP Conference on e-Business, e-Services and e-Society (I3E), 2020 (2).
- ACM CHI Conference on Human Factors in Computing Systems, 2020 (1).
- The Americas Conference on Information Systems (AMCIS), 2020 (2).
- International Conference on Information Systems (ICIS), 2020 (2).
- European Conference on Information Systems (ECIS), 2019, 2020 (3).
- SAICSIT Annual Conference, 2019, 2020 (3).

PROFESSIONAL AFFILIATIONS AND MEMBERSHIPS

South African Institute for Computer Scientists and Information technologists (SAICSIT)	<i>2015 - present</i>
South African Computer Lecturers Association (SACLA)	<i>2016 - present</i>

DEPARTMENTAL ADMINISTRATION & SERVICE

Information Science Departmental Ethics Screening Committee (co-ordinator)	<i>2020 - present</i>
Information Science Departmental Programme renewal curriculum development	<i>2018 - present</i>
BCom Honours (ISM) Module Coordinator: Advanced Information Systems Theory and Practice	<i>2018</i>
Marketing Presentations for Department of Information Science	<i>2017 - present</i>
BCom Honours (ISM) Admissions Committee Member	<i>2017 - present</i>
Information Science Departmental Evaluation Committee Member	<i>2016</i>

CONTINUED RESEARCH, TEACHING AND SKILLS DEVELOPMENT

Formal Programs, Courses or Workshops:

- *Research Transparency and Reproducibility Training (RT2)* *2020*
Presented by The Berkeley Initiative for Transparency in the Social Sciences (BITSS), (21-25 September), Online.
- *Summer Institute in Computational Social Science (SICSS)* *2019*
Presented by Salganik, M. and Bail, C. jointly hosted by Princeton and Duke universities, funded by the Russell Sage Foundation and the Alfred P. Sloan Foundation. Partner location at the University of Cape Town organised by Adjiwanou, V., (17 - 28 June), Cape Town.
- *Applying Kanban (Foundation-KMP I) Training* (Professional Certification). *2018*
Presented by Freislich, M., (Agile42). **Certified LKU** (22-23 August), Cape Town.
- *Workshop on Teaching Portfolios* *2018*
Presented by Cattell-Holden, K. & Kramm, N., (14 March), Stellenbosch.
- *Data Carpentry Workshop* *2017*
Presented by van Rensburg, A., Hodge, A., van der Linde, I., & Steyn, J., (6 - 8 November), Stellenbosch.
- *Outsystems Developer Bootcamp* *2017*
Presented by Worth, O., (23 - 27 October), Stellenbosch.
- *The role of statistics in research* *2017*
Presented by Kidd, M., (3 August), Stellenbosch.
- *Making important decisions about publishing your research* *2016*
Presented by Roux, M., Seyffert, M., Pieterse, D., Stellenbosch.
- *KU Leuven-Stellenbosch University Think Tank Program* *2016*
<http://bit.ly/2GqL0f0>

- *Frederick van Zyl Slabbert Institute for Student Leadership: Graduate Programme* 2015
Presented by Tulkki-Williams, F., Stellenbosch.

MOOCS:

DataCamp online mini-courses (27 with certificates) 2018 - present
Programming in R, data cleaning & manipulation, statistical foundations & analysis, data visualisation & communication, version control, relational databases & SQL, machine learning, research design, statistical analysis & modeling.

Coursera Courses 2015 - present

- Improving Your Statistical Questions (TU Eindhoven), 2019.
- Client Needs and Software Requirements (University of Alberta), 2016.
- Software Processes and Agile Practices (University of Alberta), 2016.
- Introduction to Software Product Management (University of Alberta), 2015.
- Internet History, Technology, and Security (University of Michigan), 2015.
- Project Management: The Basics for Success (UC Irvine), 2015.

Other:

- Participant: Reproduciblitea Berlin Journal Club, 2020

OTHER EXPERIENCE

FVZS Institute for Student Leadership Development <i>Graduate Programme Facilitator (part time)</i>	January 2017 - October 2017 <i>Stellenbosch, South Africa</i>
Freelance <i>Web developer (part time)</i>	2014 - 2017 <i>South Africa</i>
Information Science, Stellenbosch University <i>Teaching Assistant (part time)</i>	February 2014 - November 2015 <i>Stellenbosch, South Africa</i>
4i Mobile <i>Intern (full time): Mobile application UX, Agile/Scrum processes</i>	July 2015 - August 2015 <i>Stellenbosch, South Africa</i>
Braxton Consulting Group <i>Intern (part time): Data management</i>	March 2015 - May 2015 <i>Stellenbosch, South Africa</i>

MEDIA COVERAGE (SELECTED)

Radio Interview: 5FM Roger Goode Show 16/03 [South Africa] http://bit.ly/2WozTrc	2020
IT News Africa: [South Africa] http://bit.ly/2IGmjri	2020
Radio Interview: Radio 702 12/03 [South Africa] http://bit.ly/2vqnckS	2020
Business Insider: [South Africa] http://bit.ly/2Q7IBWX	2020
TV Interview: eTV News 11/02 [South Africa]	2020
Radio Interview: Smile FM: 'The Honest Truth' 11/02 [South Africa] http://bit.ly/3bvbFKP	2020
SU Press release 11/02 [South Africa] http://bit.ly/2SxFoAB	2020
SU Press release 10/02 [South Africa] http://bit.ly/2SCPrUX	2020
ERR: Novaator: [Estonia] http://bit.ly/2U0BBBP	2018
Daily Mail UK: [United Kingdom] https://dailym.ai/2VEUWma	2017
Universe Online: [The Netherlands] http://bit.ly/2If9Psk	2017

Cape Times: [South Africa] http://bit.ly/2UNNjgd	<i>2017</i>
Business Day: [South Africa] http://bit.ly/2D7BU0k	<i>2017</i>
TimesLive: [South Africa] http://bit.ly/2U0DBtP	<i>2017</i>
CapeTalk/Radio 702 interview: [South Africa] http://bit.ly/2Z5Tont	<i>2017</i>
Radio Interview: Voice of the Cape, morning show 19/10 [South Africa]	<i>2017</i>
Radio Interview: Smile FM: ‘The Honest Truth’ 18/10 [South Africa]	<i>2017</i>
SU Press release: [South Africa] http://bit.ly/2KqKX2V https://www.youtube.com/watch?v=SJAUwjiZNfg	<i>2017</i>

REFERENCES

Available on request.