KYURI PARK

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EDUCATION

Utrecht University, Utrecht, the Netherlands   Jun 2023
M.S., *cum laude* (GPA: 9.04/10.00), Methodology and Statistics
- Methodology and Statistics for the Behavioral, Biomedical and Social Sciences (MSBBSS) programme
- Thesis: "Discovering Cyclic Causal Models in Psychological Research"
  - o Supervisor: Dr. Oisín Ryan

University of Amsterdam, Amsterdam, the Netherlands   Jun 2021
B.S., *cum laude* (GPA: 9.05/10.00), Psychology
- Specialization: Psychological Methods
- Honours programme
- Thesis: "Integrated Network Model of Fast- and Slow-Changing Variables of Depression"
  - o Supervisors: Dr. Claudia van Borkulo, Prof. dr. Denny Borsboom

University of Houston, Houston, TX, USA   May 2017
B.S., *summa cum laude* (GPA: 3.94/4.00), Hospitality Management
- *Exchange Student* at Mount Royal University, Calgary, Alberta, Canada

RESEARCH INTERESTS

- Network analysis
- Causal Inference
- Graphical models
- Bayesian statistics
- Behavioral data analysis
- Machine (deep) learning

SCHOLARSHIPS AND HONORS

- Utrecht Excellence Scholarships, Utrecht University   Sep 2021 – Aug 2023
- Membership of National Society of Collegiate Scholars (NSCS)   May 2017 – Sep 2020
- Scholarship Excellence Award (top honors), University of Houston   May 2017
  (a national academic honor society in the US)
- UH Academic Excellence Scholarship, University of Houston   Sep 2015 – May 2017
- Dean's list, University of Houston   Fall 2015, Spring & Fall 2016

RESEARCH EXPERIENCE

Utrecht University, Utrecht, the Netherlands   Jan 2023 – Jun 2023
- *Research Assistant* of Dr. Gerko Vink
    - Establish a more accessible approach (for empirical researchers) to evaluate the validity of imputation models by utilizing synthetic data sets.

Utrecht University, Utrecht, the Netherlands   Sep 2022 – Jun 2023
- *Thesis project* with Dr. Oisín Ryan
    - Examine the applicability of constraint-based cyclic causal discovery algorithms in psychological research.
    - Compare the performance of the cyclic causal discovery (CCD), fast causal inference (FCI), and cyclic causal inference (CCI) algorithms by means of a simulation study.

Utrecht University, Utrecht, the Netherlands   Aug 2022 – Dec 2022
- *Research Assistant* of Dr. Noémi Schuurman
    - Coded qualitative data from empirical psychological network papers using NVivo.
    - Analyzed the correspondence between the type of research questions (within-person differences vs. between-person differences) and the type of estimated network models (e.g., Gaussian graphical model, graphical VAR model).

Utrecht University, Utrecht, the Netherlands   Oct 2021 – Jun 2023
- *Student Assistant* for the Human Data Science group
    - Dr. Erik-Jan van Kesteren
        - Work on establishing a procedure for exporting synthetic data based on real data at Statistics Netherlands (CBS).
        - Together published an R package called `synthpop.extract`.
        - Wrote a tutorial on the ODISSEI social data science (SoDa) website.
    - Dr. Mahdi Shafiee Kamalabad
        - Converted MATLAB code for Bayesian piecewise linear regression model for dynamic network construction to R code.

University of Amsterdam, Amsterdam, the Netherlands   Nov 2020 – Jan 2021
- *Thesis project* with Dr. Claudia van Borkulo and Prof. dr. Denny Borsboom
    - Derived network parameters from an estimated Ising model.
    - Generated data and fitted the Mixed Graphical Models (MGMs) in R.
    - Integrated variables that operate on different time scales into a single (symptom) network and analyzed differences in the overall density of different network models.

University of Amsterdam, Amsterdam, the Netherlands   Nov 2019 – May 2020
- *Student Assistant* of Dr. Bastiaan Rutjens
    - Worked on the project called "Meta-analysis on Science Skepticism".
    - Searched the relevant literature and formally logged the findings.
    - Reported the relations between science skepticism outcome variables and their predictors.

TEACHING EXPERIENCE

Utrecht University, Utrecht, the Netherlands   Oct 2021 – Jun 2023
- *Student Assistant* for the Human Data Science group
    - Dr. Mahdi Shafiee Kamalabad
        - Prepared the lecture materials for the Introduction to Python course.
        - Created practical materials for Bayesian networks and relational event models (REM).
        - Teach the basics of R programming to one of his Ph.D. students.
    - Dr. Laura Boeschoten
        - Created practical materials on missing data and imputation for the Data Wrangling course (a part of the Applied Data Science Master's programme).
    - Dr. Javier Garcia Bernardo
        - Created practical materials on text mining for the Data Wrangling course.

University of Amsterdam, Amsterdam, the Netherlands   Sep 2021 – Jan 2022
- Teaching Assistant of Prof. dr. Han van der Mass
    - "AI and Psychology" course.
        - Prepared and graded weekly assignments and exams.

University of Amsterdam, Amsterdam, the Netherlands   Summer 2019
- *Teaching Assistant* of Dr. Maja Wrzesien
    - "A Peaceful Mind: Mindfulness and Compassion-based Interventions" course.
        - Reviewed lecture materials and supervised group activities.

University of Pennsylvania, Philadelphia, PA, USA   Summer 2015
- *Teaching Assistant* of Prof. dr. Femida Handy, University of Pennsylvania
    - "Social Economics: An Economic Perspective on Human Behavior" course.
        - Supervised students in class and graded assignments.

LEADERSHIP & OTHER EXPERIENCE

Utrecht University, Utrecht, the Netherlands   Oct 2021 – Jun 2023
- *Student Assistant* for the Human Data Science group
    - Dr. Laura Boeschoten
        - Helped organize a symposium called Data Donation Day 2022; updated the schedule on the website, created a survey and poster, and posted recordings.
    - Prof. dr. Daniel Oberski
        - Maintain the Human Data Science (HDS) group website; update the publication list, event/agenda, new software, and projects.
        - Organize content-oriented meetings for the HDS group.
    - Dr. Ayoub Bagheri
        - Organize the Data Science Reading group meetings.

University of Amsterdam, Amsterdam, the Netherlands   Nov 2020 – Sep 2021
- *Psychological Methods Student Faction*

- o Organized study-related activities (e.g., debates, special lectures, and field trips).
- o Reviewed the course evaluations and discussed the feedback with the lecturers and coordinators.
- o Managed the social events for the students and staff.

University of Amsterdam, Amsterdam, the Netherlands   Sep 2018 – Aug 2021
- *UvA International Student Ambassador*
  - o Organized major school events such as Bachelor's Day and Orientation Day.
  - o Managed UvA social media accounts and supported marketing activities.
  - o Planned campus tours and effectively communicated with prospective students.

University of Amsterdam, Amsterdam, the Netherlands   Oct 2018 – Jun 2020
- *UvA Psychology Focus Group*
  - o Met with the lecturers, programme coordinators, and policy officers once a month to discuss the proposed agendas in the Psychology department.
  - o Evaluated the quality of courses and reviewed the student feedback.

University of Houston, Houston, TX, USA   Nov 2016– May 2017
- *Hospitality Financial and Technology Professional (HFTP) club leader*
  - o Planned student organization meetings and fundraising events.
  - o Promoted the club and recruited new members.

PROFESSIONAL EXPERIENCE

Emirates Airline, Dubai, UAE   May 2017 – Mar 2018
- *Cabin Crew*
  - o Learned how to handle unexpected emergencies and work under high pressure.

Amerril Energy LLC, Houston, TX, USA   Jun 2016 – Feb 2017
- *Accounting Assistant*, June 2014 – Feb 2015
  - o Worked with FreshBooks (an accounting software program) to record and process transactions.

VOLUNTEERING EXPERIENCE

Stray Dogs Center (SDC), Dubai, UAE   Nov 2017 – Jan 2018
- *Volunteer*
  - o Worked at fundraising events for vet bills.
  - o Walked dogs at the shelter once a week.

World Vision United States, WA, USA   2011 – Current
- *Translator / Sponsor (only sponsoring currently)*
  - o Started sponsoring a Malawian child in 2011 via World Vision.
  - o Translated the letters (Korean – English) sent by sponsors.   2012 – 2013

SKILLS

Statistical Software: SPSS, JASP, Microsoft Excel, Mplus, JAGS

Programming language: R, Python, MATLAB, HTML, CSS, JavaScript (learning), C++ (learning)

Languages: English (Proficient), Korean (Native)