

VINITA VADER

I am currently a PhD student at University of Oregon. I am interested in using machine learning techniques to build psychological mappings of people across societies and design a quantifiable model of culture. My dissertation is focused on exploring optimization algorithms in finding culturally meaningful groups in a population. This work contributes towards an academic understanding of culture, theoretical grounding for social media studies and human policy research. Here is a preliminary groundwork⁷ for the study.

View this CV online with links at wvader24.me/cv/

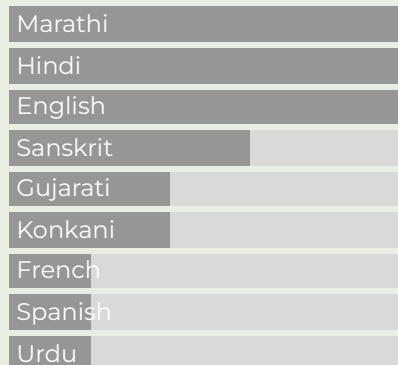
CONTACT

✉ wvader@uoregon.edu
🐦 [wvader](https://twitter.com/wvader)
🔗 github.com/wvader24
🔗 <https://wvader-website.netlify.app/>
in <https://www.linkedin.com/in/vinita-vader>

PROGRAMMING SKILLS



LANGUAGE SKILLS



EDUCATION

current
|
2019



PhD. Candidate, Psychology

University of Oregon

📍 Eugene, OR

- Areas of work: Personality, Values, Machine Learning
- Thesis: Optimization models for building culture relevant groups based on personality and values data
- University Graduate Fellow

2022
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2020



Educational Data Science Specialization

University of Oregon

📍 Eugene, OR

- Quantifying Cultural groups-bookdown²
- World Values Survey data - Flex dashboard³
- Tutorial on Functional Programming - Distill website⁴

2021
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2019



M.S., Personality Psychology

University of Oregon

📍 Eugene, OR

- Thesis: High Dimensionality Structure of English Language Type-nouns
- Awards: Norman Sundberg Fellowship (2020, 2021)

2017
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2016



Post Graduate Diploma in Advanced Skills in Counselling,

Don Bosco

📍 Mumbai, India

2016
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2014



M.A., Applied Psychology

University of Mumbai

📍 Mumbai, India

- Thesis: Working Memory Capacity in Caregivers of Alcoholics
- Awards: Academic Excellence Award

Made with the R package
[pagedown](https://github.com/wvader24/pagedown).

The source code is available on
github.com/wvader24/cv.

Last updated on 2022-04-04.

2014
|
2011

B.A., Psychology

University of Mumbai

📍 Mumbai, India

- Thesis: Study of interpersonal attraction in adolescents



RESEARCH EXPERIENCE

Current
|
2020

Personality Structure in Marathi and English for Maharashtrians: A Psycholexical Investigation

Society for Cross Cultural Research Conference (SCCR) 2020

📍 Seattle, WA

- Paper presentation
- Belhekar and Vader

Current
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2020

MUFFI 2 – A culture sensitive measure of personality based on the Indian context

Society for Cross Cultural Research Conference (SCCR) 2021

📍 Seattle, WA

- Poster presentation
- Vader and Belhekar

Current
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2020

Acculturation and Personality among Indian students using the NEO-PI-3

American Psychological Association

📍 Chicago, IL

- Poster presentation
- Heffern, Vader, Belhekar, Mellott

Current
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2019

What Lies at the Center of Rosenberg Self-Esteem Scale? Network Analysis and Latent Structure of Rosenberg Self-Esteem Scale for Indian Data

Bombay Psychologist

- Publication
- Belhekar, ⁵, Korgaonkar, and Dattakavi
- [link](#)




Current
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2019

Note in Marathi encyclopedia on Psychology

Marathi Vishwakosh (Marathi Encyclopedia)

- Publication
- Vader
- Sensory Memory and Iconic Sensory Memory

My research has largely focused on cross-cultural aspects of personality. I intend to work on higher dimensionality structures of personality.

- Current
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2019
- **The Five-Factor Model and Cultural dimensions in the Indian Context**
American Psychological Association  USA
 - Poster presentation
 - Heffern, **Vader**, Belhekar, Mellott
- Current
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2018
- **Factors affecting Academic Achievement in students : An empirical study - understanding the interaction between creativity, intelligence and academic achievement**
Journal of Education and Planning. 2018; DOI: 10.13140/RG.2.2.32264.88328
 - Publication
 - **Vader**, Purohit, and Pandit
 - [link](#)
- Current
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2018
- **Using Factor analysis and Network analysis to delineate Personality Structure among Indian College Students**
American Psychological Association  USA
 - Poster presentation
 - Heffern, **Vader**, Belhekar, Mellott
 - [link](#)
- Current
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2017
- **The Nature of Narcissistic Personality: Role of the FFM, Self-Esteem, Social Desirability and Its Impact on Health**
International Conference of Indian Academy of Applied Psychology  Jaipur, India
 - Paper presentation
 - **Vader** and Belhekar



ONGOING PROJECTS

- **High Dimensionality structure of English Language Type-nouns**
 - Finding the most robust model for type-noun structure in English language
 - **Vader** and Saucier
- **Lexical study of Personality and Values of Hindi Language speakers [link](#)⁶**
 - Developing a comprehensive dictionary of personality and value relevant words in Hindi and developing a measure for Hindi speakers
 - **Vader** and Saucier
- **High Dimensionality structure of Persian Language Adjectives [link](#)⁷**
 - Finding the most robust model for adjective structure in Persian language
 - Saucier, Razavi and **Vader**

The research is largely focused on how personality structures vary across languages and identify a method for obtaining such high dimensional factor structures.

● High Dimensionality structure of Malay Language Adjectives link⁸

- Carried out analysis for congruence coefficients for factor structures across Gender and Race sub-samples
- Thalamayer et. al.



TEACHING EXPERIENCE

current
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2019

● Teaching fellow

Eugene, OR

📍 University of Oregon

- Instructor: Research Methods, Personality; Statistics⁹
- R Bootcamp assistant link()
- TA: Personality, Cultural Psychology, Evolutionary Psychology

2019
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2018

● Visiting Lecturer

Mumbai, India

📍 University of Mumbai

- Selected Graduate courses: Statistics
- Graduate courses: Statistics, Psychometrics

2018
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2017

● Lecturer

Mumbai, India

📍 Mithibai College of Arts, University of Mumbai

- Selected Graduate courses: Statistics, Dissertation Guide
- Selected Undergraduate courses: Social Psychology, Industrial Psychology, Experimental Psychology

Teaching has helped me develop empathy, discipline and critical thinking skills. Teaching has been immensely helpful to my growth as a researcher



CLINICAL EXPERIENCE

2017
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2016

● Counsellor

Smt.P.N. Doshi College, S.N.D.T's University, Mumbai

📍 Mumbai, India

- Worked with financially underprivileged girls in a suburban college

2015
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2015

● Clinical psychologist intern

Sevadaan Special School

📍 Mumbai, India

- Mental status examinations, Assessments - Kamat- Binet Test of Intelligence, VSMS, Seguin-Form Board, Children Apperception Test, Diagnosis (DSM-5, ICD 10)

2015
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2016

● Clinical psychologist intern

Masina Hospital's Drug Rehabilitation Center

📍 Mumbai, India

- Mental status examinations, Assessments - Rorschach Ink Blot Test, Bender- Gestalt Test, Thematic Apperception Test, BDI, Diagnosis (DSM-5, ICD 10)

My experience as a Clinical Psychologist helped me better understand the demographic variations in personality and psychological well-being. This has largely helped me to identify policy relevance of my research.

2014
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2015



Clinical psychologist intern

Thane Mental Hospital

📍 Mumbai, India

- Mental status examinations, Assessments - MMPI, Diagnosis (DSM-5, ICD 10)