RACHAEL NICELY

I am currently a data engineer at American Express, focusing on reporting on technology platform availability and change management.

I'm also working toward my master's in Program Evaluation and Data Analytics at Arizona State University! Following completion of my graduate degree, I will be seeking a position as a data analyst within a social or nonprofit organization.



EDUCATION

2022 2020

M.S. Student in Program Evaluation and Data Analytics • Arizona State University Tempe, AZ

· Studying program evaluation and research designs using R. Planned graduation date: May 2022.

2016 2012 B.S., Applied Mathematics for Life and Social Sciences Arizona State University Tempe, AZ

· Thesis: A simple agent-based model of farmers adapting to climate

- change.
- · Barrett, the Honors College Graduate



INDUSTRY EXPERIENCE

2023 2019

Data Engineer II

Phoenix, AZ

American Express

- · Report on technology platform and application availability.
- · Work primarily done in MS Excel, Powerpoint, and SQL Server

2023

Program Evaluator

Phoenix, AZ

Ochild Crisis Arizona

- · NOTE: This position is an aspiration of mine and does not reflect real employment. I would like to design and perform evaluations for the many programs Child Crisis Arizona provides to the local community.
- · Work primarily done in MS Excel, Powerpoint, and R

2019 2016 Data Analyst II Scottsdale, AZ

Network Technologies Intl.

- Extracted, processed, and analyzed data from various sources.
- · Developed a series of SQL scripts to automate daily processes for specific data sources. Worked with international telecommunications data and learned about the various telecommunication technologies used today around the world.

2016

Data Analyst

Tempe, AZ

▼ Tapfin



View this CV online with links at https://rachnicely.github.io/cv

CONTACT

- **Y** RachNicely
- github.com/RachNicely
- RachNicely.github.io
- **J** (123) 456-7890

LANGUAGE SKILLS

SQL

Java

Python

R

MS Excel

MORE INFO

See full CV on my LinkedIn Profile.

> Made with the R package pagedown.

The source code is available at github.com/RachNicely/cv.

Last updated on 2021-09-27.

· Modified and exported reports in SAP Fieldglass.



a ACADEMIC ARTICLES

2017

The Practice of Archiving Model Code of Agent-Based Models **♥** Journal of Artificial Societies and Social Simulation

· Journal paper of the open source repository of agent-based model code I contributed to as an undergraduate.

2015

A simple agent-based model of farmers adapting to climate change 2 Arizona State University

· An agent-based model coded in NetLogo to simulate a closed agricultural system with limited water availability. This thesis was completed in compliance of the Honors thesis requirement for Barrett, The Honors College at Arizona State University.



SELECTED PRESS

2021

Barrett, The Honor's College Alumni Feature ³

♀ Collegiate

· Networking feature for Barrett, The Honors College Alumni at Arizona State University.



- 1: https://jasss.soc.surrey.ac.uk/20/1/2.html
- 2: https://hdl.handle.net/2286/R.I.37417
- 3: https://www.facebook.com/barretthonors/posts/4570837726314009