

# 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.







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






## EDUCATION

- 2022  
|  
2020
- M.S. Student in Program Evaluation and Data Analytics**  
Tempe, AZ  Arizona State University
- Studying program evaluation and research designs using R. Planned graduation date: May 2022.
- 2016  
|  
2012
- B.S., Applied Mathematics for Life and Social Sciences**  
Tempe, AZ  Arizona State University
- 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  Child 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

## CONTACT

-  [rgokool@asu.edu](mailto:rgokool@asu.edu)
-  RachNicely
-  [github.com/RachNicely](https://github.com/RachNicely)
-  [RachNicely.github.io](https://RachNicely.github.io)
-  (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](https://github.com/RachNicely/cv).*

*Last updated on 2021-09-28.*

## ACADEMIC ARTICLES

The Practice of Archiving Model Code of Agent-Based Models <sup>1</sup>  
 Journal of Artificial Societies and Social Simulation

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

A simple agent-based model of farmers adapting to climate change <sup>2</sup>  
 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

Barrett, The Honor's College Alumni Feature <sup>3</sup>  Collegiate

- ## LINKS

## LINKS

- 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>