Daniel Schaefer

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University of Nebraska, Lincoln

EDUCATION

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| --- | --- |
| In Progress | MA Sociology, University of Nebraska Lincoln |
| Spring 2017 | BA Sociology and Computer Science, University of Nebraska Lincoln |

PUBLICATIONS

Khan, Bilal, Ian Duncan, Mohamad Saad, **Daniel Schaefer**, Ashly Jordan, Daniel Smith, Alan

Neaigus, Don Des Jarlais, Holly Hagen, Kirk Dombrowski. 2018. *Combination interventions for Hepatitis C and Cirrhosis reduction among people who inject drugs: An agent-based, networked population simulation experiment.* Plos One. <https://doi.org/10.1371/journal.pone.0206356>

RESEARCH EXPERIENCE

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| January 2017 – July 2019 | **Software and Systems Engineer**  Lead engineer for an agent based and social network based social/epidemiological simulation engine with well over 70,000 lines of C# under the supervision of Dr. Bilal Khan. |
| May 2016 – December 2016 | **Student Research Assistant**  Designed and implemented a survey kiosk app on Android in Java that was later deployed in an equine therapy study. |
| Summer 2015 | **Center of Rural Affairs Social Network Intern (20 Hours Paid)**  Analyzed social network data. Designed and released, follow up survey. |
| January 2015 – May 2015 | **UCARE Research Assistant**  Developed a snowball sampling-like technique for crawling conversation networks on twitter and implemented that technique as a python library. |
| September 2014 – December 2014 | **UCARE Research Assistant**  Developed a python library to do a cellular automata inspired analysis on real world data. Presented this project as a poster during the undergraduate research fair. |
| Summer 2014 | **USTAR Research Assistant**  Worked with Dr. Jacob Cheadle on a three-month project to set up, modify, and evaluate an open source Implicit Association Test module on a server. |

HONORS AND AWARDS

**Ogle Graduate Research Fellowship** *Summer, 2020*

PROFESSIONAL MEBERSHIPS

**American Sociological Association**

**Nebraska Association of Sociology Graduate Students**

**Midwestern Sociological Society**

PROGRAMING PORTFOLFIO

<https://github.com/CrazyWhatsIt/markov-bot/>