



Jack Bandy

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## Education

Northwestern University (Ph.D. Computer Science, Communication) | 4.00 | *in progress*

University of Kentucky (M.S. Computer Science, 2018) | 3.80

Wheaton College, IL (B.S. Computer Science, 2016) | 3.68 | *cum laude*

## Research and Professional Experience

### PHD STUDENT, NORTHWESTERN UNIVERSITY – EVANSTON, IL – 2018 - PRESENT

Studying the societal effects of computing. Currently investigating algorithmic news curators in the Computational Journalism Lab. Advised by Dr. Nicholas Diakopoulos.

### GRADUATE RESEARCH ASSISTANT, UNIVERSITY OF KENTUCKY – LEXINGTON, KY – 2016 - 2018

Applying machine learning to identify ink in microCT scans of ancient scrolls. Research team comprises graduate and undergraduate students. Advised by Dr. Brent Seales.

### SOFTWARE DEVELOPER, LEGIT APPS LLC – LEXINGTON, KY – SUMMER 2017

Worked on a small team in a scrum-style environment to produce, publish, and maintain mobile applications on both iOS and Android.

### RESEARCH ASSISTANT, UNC CHARLOTTE – CHARLOTTE, NC – SUMMER OF 2015 & 2016

National Science Foundation's Research Experience for Undergraduates at UNC Charlotte. Resulted in "Demonstrating HighFiveLive" paper. Advised by Dr. Jamie Payton.

## Publications

- **Bandy, J.**, and Diakopoulos, N. (2020) "Auditing News Curation Systems: A Case Study Examining Algorithmic and Editorial Logic in Apple News." To Appear at ICWSM 2020.
- **Bandy, J.**, & Diakopoulos, N (2019). Getting to the Core of Algorithmic News Aggregators. 2019 Computation + Journalism Symposium.
- Parker, C. S., Parsons, S., **Bandy, J.**, Chapman, C., Coppens, F., & Seales, W. B. (2019) From invisibility to readability: Recovering the ink of Herculaneum. PloS one.
- **Bandy, J.** (2018) Automation moderation: finding symbiosis with anti-human technology. AI Matters, 3(4).
- **Bandy, J.**, Knighten, J., & Payton, J. (2016) Demonstrating HighFiveLive: A mobile application for recognizing symbolic gestures. 2016 IEEE PerCom Workshops.

## Awards & Recognitions

### **ACM SIGAI STUDENT ESSAY CONTEST WINNER, 2017**

Selected as winner of the ACM SIGAI Student Essay Contest on the Responsible Use of AI Technologies.

## Community Service

### **GILEAD CHICAGO – WINTER 2019 - PRESENT**

Leadership team member and regular greeter for a new community in Rogers Park.

### **LEXINGTON CARNEGIE CENTER TUTORING – SUMMER 2017 - SUMMER 2018**

Weekly tutoring sessions with underserved students in the Lexington community. Tutors help “inspire love for learning” as well as cultivate community appreciation in students.