

# KRISTINA K. HARPER

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## EDUCATION

**University of Sussex**, School of Informatics, Brighton, UK  
Master of Science in Intelligent and Adaptive Systems

September 2018

**University of Pennsylvania**, College of Arts and Sciences, Philadelphia, PA  
Bachelor of Arts in Cognitive Science (Language and the Mind), Minor in Political Science

May 2009

## DATA ANALYTICS SKILLS

<b>Programming Languages</b>	Python, MATLAB, Java
<b>Python Packages</b>	Pandas, SciKit-Learn, Matplotlib, NumPy, SciPy, Gensim, NLTK, spaCy, Jupyter
<b>Software &amp; Tools</b>	HTML, LaTeX, WordPress, Google Drive, Excel, MS Office Suite

## ARTIFICIAL INTELLIGENCE PROJECTS

<b>Opinion Extractor</b>	Extended a basic opinion extractor function in <i>Python</i> to deal with a variety of syntactic situations in which opinions are expressed in Amazon DVD reviews.
<b>Co-Evolutionary Algorithm</b>	Reimplemented and extended a <i>MATLAB</i> competitive co-evolutionary genetic algorithm to explore reduced virulence and parasite mutation bias on disengagement.
<b>Checkers Game</b>	Built a <i>Java</i> application and GUI with an intelligent computer player using the Mini-Max algorithm and Alpha-Beta pruning.

## EXPERIENCE

<b>C2 Education</b> <i>Teacher</i>	October 2015 - September 2017 Little Neck, NY
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- Instructed 3 students per 2-hour class in SAT and ACT Reading Comprehension and Writing.
- Improved student SAT scores by 200 points and ACT scores by 6 points per section on average.
- Taught supplementary classes and assisted students in exam preparation in Earth Science, American History, Literature, and Spanish while mentoring students through the college application process and providing application essay guidance.

<b>Skincare-News.com</b> <i>Editor, Copywriter</i>	July 2012 - May 2016 Remote
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- Edited articles from site's copywriters for adherence to style guidelines and grammatical rules within the strict confines of deadlines.
- Conducted research on beauty and skincare trends, which became the fodder for 2-3 long-form articles monthly promoting beauty products from affiliated retailers.

<b>33 Universal (Kpopstarz.com)</b> <i>Copy Editor, Reporter</i>	February 2013 - July 2013 New York, NY
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- Supervised content for the trending department, which entailed assigning and editing articles of 15 reporters for contextual accuracy, adherence to AP Style guidelines, and Search Engine Optimization.
- Wrote 4-10 articles daily on technology, science, and entertainment news.
- Trained recently hired reporters in SEO and the Wordpress-based Content Management System.

<b>Portable.tv</b> <i>Contributor, Editorial Intern</i>	January 2013 - December 2014 Brooklyn, NY
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- Researched and reported on culturally relevant trends across film, music, fashion, and pop culture.
- Reached out to fashion designers, secured press credentials, and scheduled coverage of shows during New York Fashion Week 2013.

<b>ScoopPost.com</b> <i>Section Editor</i>	August 2012 - January 2013 New York, NY
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- Managed editorial content for YouTube and Music sub-sections of news aggregation site while writing reviews for the Music and Book Review departments.

## INTERESTS

Science Fiction	Magical Realism	Classic Literature
Neil Gaiman Novels	Knitting	Gardening
Running	Hiking	Camping