# HANS WILLIAM ALEXANDER HANLEY



Email: hhanley@cs.stanford.edu
Homepage: www.hanshanley.com
Blog: www.themarginoferror.com

### Education

#### PhD Computer Science, Stanford University, 2025, GPA: 4.016

Meta PhD Research Fellow: Computational Social Science National Science Foundation Graduate Fellow Stanford EDGE Doctoral Fellow PI: Professor Zakir Durumeric

#### MS Computer Science, Stanford University, 2024, GPA: 4.016

National Science Foundation Graduate Fellow PI: Professor Zakir Durumeric

### MSc Statistical Science, University of Oxford, 2020, Distinction (Highest Honors)

Daniel M. Sachs Class of 1960 Graduating Scholarship at Worcester College PI: Professor Garrett Morris

### MSc Advanced Computer Science, University of Oxford, 2019, Distinction (Highest Honors)

Daniel M. Sachs Class of 1960 Graduating Scholarship at Worcester College PI: Post Doc Riccardo Spolaor, Professor Ivan Martinovic

### BSE Electrical Engineering, Princeton University, 2018, Highest Honors, GPA: 3.982

Concentration: Information Security and Privacy
Minors: Applications of Computing, Robotics and Intelligent Systems
PI: Professor Prateek Mittal

Proficient Languages: Java, Python, C, Go, R, Git, TensorFlow, PyTorch, Huggingface

Experienced Languages: Mandarin Chinese (HSK 4), MATLAB, C#, C++

### **Conference Publications**

1. Tracking the Takes and Trajectories of English-Language News Stories from Trustworthy and Worrisome Websites

<u>Hans W. A. Hanley</u>, Emily Okabe, Zakir Durumeric In 34th USENIX Security Symposium (USENIX 2025), August 2025.

2. Across the Firewall: Foreign Media's Role in Shaping Chinese Social Media Narratives on the Russo-Ukrainian War

<u>Hans W. A. Hanley</u>, Yingan Lu, Jennifer Pan In Proceedings of the National Academy of Sciences, January 2025

3. Machine-Made Media: Monitoring the Mobilization of Machine-Generated Articles on Misinformation and Mainstream News Websites

#### Hans W. A. Hanley and Zakir Durumeric

In 18th International AAAI Conference on Web and Social Media (ICWSM 2024), June 2024

# 4. Partial Mobilization: Tracking Multilingual Information Flows Amongst Russian Media Outlets and Telegram

Hans W. A. Hanley and Zakir Durumeric

In 18th International AAAI Conference on Web and Social Media (ICWSM 2024), June 2024.

5. Specious Sites: Tracking the Spread and Sway of Spurious News Stories at Scale Hans W. A. Hanley, Deepak Kumar, Zakir Durumeric
In 45th IEEE Symposium on Security and Privacy (Oakland 2024), May 2024.

### 6. TATA: Stance Detection via Topic-Agnostic and Topic-Aware Embeddings

Hans W. A. Hanley and Zakir Durumeric

In The 2023 Conference on Empirical Methods in Natural Language Processing (EMNLP 2023), December 2023.

### 7. A Golden Age: Conspiracy Theories' Relationship with Misinformation Outlets, News Media, and the Wider Internet

Hans W. A. Hanley, Deepak Kumar, Zakir Durumeric

In 26th ACM Conference On Computer-Supported Cooperative Work And Social Computing (CSCW 2023), October 2023.

### 8. Happenstance: Utilizing Semantic Search to Track Russian State Media Narratives about the Russo-Ukrainian War On Reddit

Hans W. A. Hanley, Deepak Kumar, Zakir Durumeric

In 17th International AAAI Conference on Web and Social Media (ICWSM 2023), June 2023.

Invited Paper at American Political Science Association (APSA) Full Paper Panel, "Mechanisms of Domination?: State Sponsored Information and Media Ecosystems," Sept. 2023

### 9. "A Special Operation": A Quantitative Approach to Dissecting and Comparing Different Media Ecosystems' Coverage of the Russo-Ukrainian War

Hans W. A. Hanley, Deepak Kumar, Zakir Durumeric

In 17th International AAAI Conference on Web and Social Media (ICWSM 2023), June 2023.

#### 10. No Calm in the Storm: Investigation OAnon Website Relationships

Hans W. A. Hanley, Deepak Kumar, Zakir Durumeric

In 16th International AAAI Conference on Web and Social Media (ICWSM 2022). June 2022.

#### 11. DPSelet: A Differential Privacy Based Guard Selection Algorithm for Tor

Hans W. A. Hanley, Yixin Sun, Sameer Wagh, and Prateek Mittal.

In 19th Privacy Enhancing Technologies Symposium (2) (POPETS 2019), July 2019.

### **Publications In Submission**

### 12. Twits, Toxic Tweets, and Tribal Tendencies: Trends in Politically Polarized Posts on Twitter

Hans W. A. Hanley and Zakir Durumeric

In Submission to 27th ACM Conference On Computer-Supported Cooperative Work And Social Computing (CSCW 2025), October 2025.

### 13. Sub-Standards and Mal-Practices: Misinformation's Role in Insular, Polarized, and Toxic Interactions

Hans W. A. Hanley and Zakir Durumeric

In Submission to 27th ACM Conference On Computer-Supported Cooperative Work And Social Computing (CSCW 2025), October 2025.

### 14. Hierarchical Level-Wise News Article Clustering via Multilingual Matryoshka Embeddings

Hans W. A. Hanley and Zakir Durumeric

In Submission to ACL Rolling Review (ACL 2025), June 2025.

### 15. M-STANCE: Soft Contrastive Learning and Synthetic Translations for Multilingual Stance Detection

Hans W. A. Hanley, Emily Okabe, and Zakir Durumeric

In Submission to ACL Rolling Review (ACL 2025), June 2025.

### **Dissertations**

# GENerateZ: Automatic De Novo Design of Anticancer Drugs using Transcriptomic Data, Genetic Algorithms, and Variational Autoencoders

**Hans Hanley** and Garett Morris

University of Oxford, MSc Statistical Science Masters Thesis

#### PROMISE: Provably RObust Malware detection using differential privacy

Hans Hanley, Riccardo Spolaor, and Ivan Martinovic

University of Oxford, MSc Advanced Computer Science Masters Thesis

#### DPSelet: A Differential Privacy Based Guard Selection Algorithm for Tor

Hans Hanley, Yixin Sun, Sameer Wagh, and Prateek Mittal

Princeton University, BSE Electrical Engineering Undergraduate Thesis

### **News Articles**

### New COVID-19 conspiracy theories gain traction as old ones re-emerge

Hans Hanley

Atlantic Council Digital Forensic Research Lab

### Misinformation regarding France's COVID-19 "health passes" spread on Twitter

Hans Hanley

Atlantic Council Digital Forensic Research Lab

#### Iranian social media exploit US-based conspiracies regarding USS Liberty incident

Hans Hanley and Alyssa Kann

Atlantic Council Digital Forensic Research Lab

# China weaponizes discovery of graves at Canadian residential schools to avoid Xinjiang criticism

Hans Hanley

Atlantic Council Digital Forensic Research Lab

# Pro-Kremlin Media echo Chinese outlets that COVID lab leak theory is a U.S. disinfo campaign

Hans Hanley

Atlantic Council Digital Forensic Research Lab

### Iranian accounts promote anti-Israel hashtags in the wake of the Israel-Hamas war

Hans Hanley

Atlantic Council Digital Forensic Research Lab

#### Nigerian Twitter users flock to VPNs amid dubious legal threats

Jean Le Roux and Hans Hanley

Disinfo Africa & Atlantic Council Digital Forensic Research Lab

### **Professional Experience**

#### Google Research Intern, Summer 2024

Google Research Health AI Student Researcher/Intern

• Led research on how open-source LLMs like Google's Gemma can be utilized as AI agents for running queries over and understanding, with high-fidelity, structured health-related datasets.

#### **Atlantic Council, Summer 2021**

Digital Forensics Research Lab Research Intern, Washington D.C.

- Wrote and performed research for seven separate blog posts for the DFRLab:
- New COVID-19 conspiracy theories gain traction as old ones re-emerge
- Misinformation regarding France's COVID-19 "health passes" spread on Twitter
- Iranian social media exploit US-based conspiracies regarding USS Liberty incident
- China weaponizes discovery of graves at Canadian residential schools to avoid Xinjiang criticism
- Pro-Kremlin Media echo Chinese outlets that COVID lab leak theory is a U.S. disinfo campaign
- Iranian accounts promote anti-Israel hashtags in the wake of the Israel-Hamas war
- Nigerian Twitter users flock to VPNs amid dubious legal threats

#### **Microsoft Software Engineering Intern, Summer 2018**

Microsoft Business Applications Group Data Engine Team Software Intern, Seattle, WA

- Implemented a new framework in C# for Microsoft Business Application Group's mobile offline synchronization tool allowing the tool to scale more efficiently to 2x the number of users while reducing synchronizing time by 75%.
- Tested newly designed framework by utilizing 7 unique load and stress tests on a 30 server scale group to ensure the robustness of the implementation.
- Created concurrent row versioning feature across multiple servers for use in the mobile offline synchronization tool allowing more efficient data retrieval.

### Google Software Engineering Intern, Summer 2017

Google Gmail Security Team Software Intern, Sunnyvale, California

- Designed and implemented a new security feature for Gmail Android to analyze outgoing email addresses and reduce user vulnerability.
- Implemented client security logic to decrease client requests' latency and bandwidth for processing recipient addresses to the Gmail backend server.
- Refactored and streamlined Gmail frontend and backend code to improve reliability and readability of code analyzing outgoing recipient addresses.

#### **Google Engineering Practicum, Summer 2016**

Google Docs and Drive Security Team Software Intern, New York, NY

 Implemented an action executor in Java for the Google Sheets API v4 for randomized end-to-end security software, expanding test coverage of authorization functionality to cover critical new flows for upcoming product launches.

- Contributed 52 changes to the Google CodeBase including implementing 37 scripted unit tests
  and 55 integration tests for the 11 new features added through the Google Sheets API to the
  security software.
- Presented project to other Google employees within Google's Docs and Drive Team, giving a
   25-minute talk about the features added, technical issues confronted, and solutions implemented.

### National Science Foundation Research for Undergraduates (REU), Summer 2015

Undergraduate Researcher, Texas Tech, Lubbock, TX

- Contributed code to the Texas Tech Answer Set Prolog (ASP) Declarative Programming Language codebase to explore its applications to AI and cybersecurity
- Designed program in ASP utilizing the Generate and Test methodology to identify de-anonymization inference attack leakages in a k-anonymity security model framework
- Presented poster on ASP's functionality in different settings in conjunction with Dr. Rattikorn Hewett, PhD.

#### Top Gun Laparoscopic Internship, Summer 2014

Software Engineer Intern, Celebration, Florida

- Wrote engineering dossier for the Top Gun training instrument. Presented dossier to Douglas E. Ott MD, MBA Chief Medical Officer of Lexion Medical.
- Created 3 distinct programs in Java and the Wiimote user interface to teach laparoscopic surgeons and internists ultrasound techniques. Presented programs to Phillips Medical Systems for approval.
- Planned, in conjunction with James Rosser MD, the Dr. Oz Atlanta Health Expo: War on Heartburn 2014

### Service and TAing

### Stanford CS265 Randomized Algorithms and Probabilistic Analysis, Fall 2023

Teaching Assistant, Stanford, CA

- Assisted Professor Greg Valiant in instructing and grading assignments for CS265.
- Held weekly offices to assist students with the material.

### Stanford CS224N Natural Language Processing with Deep Learning, Winter 2023 Teaching Assistant, Stanford, CA

- Assisted Professor Chris Manning in instructing and designing assignments for CS224N.
- Led and helped design the default final project for the course.
- Supervised the final project implementation for 21 student teams (1-3 students per team).

### Stanford Center for Teaching and Learning, Fall 2020-Winter 2022

Engineering Learning Consultant, Stanford, CA

- Designed and implemented an algorithm to match Stanford undergraduates and graduates for the peer buddy accountability program.
- Created and presented 8 different workshops to instruct Stanford graduate students in skills ranging from Git, data presentation, and R, to basic statistical methodologies.
- Implemented a tool with D3 for the Stanford Center for Teaching and Learning to automatically log and visualize student attendance at workshops and study halls.

### Princeton University Building Real Systems (ELE 302), Spring 2018

Teaching Assistant, Princeton, NJ

 Assisted Professors Jeffrey Thompson and Stephen Lyon in instructing Building Real Systems (Carlab: ELE 302).

• Guided students for 5 hours each week through various hardware and software projects including designing a PID speed-controlled car and implementing autonomous control for a car.

### Princeton University McGraw Center for Teaching and Learning, Spring 2015-Spring 2018 *Head Tutor*, Princeton, NJ

- Tutored Physics: Mechanics/EM and Linear Algebra for 6.5 hours each week.
- Ran trainings for undergraduate Physics tutors on tutoring material and interfaced with other students during tutoring.

### Princeton University Interactor, Fall 2017-Spring 2018

BSE Freshman Interactor

- Advised engineering freshmen on courses for the fall and spring semesters.
- Organized regular activities for freshman and faculty advisers. Introduced advisees to Princeton independent research projects and work for the School of Engineering.

### Princeton University Splash, Spring 2017, Spring 2018

Instructor

• Taught class "Security and Privacy in the Digital Age" to New Jersey high school students. Class highlighted privacy tools including Ghostery, Virtual Privacy Networks, and Tor.

#### National Society of Black Engineers, Fall 2016-Fall 2017

President

- Organized and coordinated events with technical companies: Google, Deloitte, Airbnb, Microsoft, McKinsey, Capital One
- Implemented a mentorship program for Princeton freshmen and sophomore undergraduates.
- Designed website: nsbe.princeton.edu.

# Princeton University Contemporary Logic Design (ELE 206), Fall 2017 & Fall 2016 Teaching Assistant, Princeton, NJ

- Assisted Professor Sharad Malik in instructing Contemporary Logic Design (ELE 206).
- Taught and debugged Verilog in two-hour sessions twice a week. Projects included the game Simon and a 16 RISC Instruction Set Architecture.
- Guided students in sessions for hardware programming on FPGAs.

# **Institute of Electrical and Electronics Engineering Princeton, Spring 2016-Spring 2017** *Princeton Class of 2018 Representative*

• Promoted and educated the Princeton community about electrical engineering careers and professions. Hosted events on campus to engage freshmen in the Electrical Engineering major.

### Princeton College Counseling: Pace Center for Civic Engagement, Fall 2014-Spring 2016 Mentor

 Mentored and counseled Trenton high school juniors and seniors each week as they went through the college application process.

### **Invited Talks and Posters**

### Tracking the Takes and Trajectories of News Narratives from Trustworthy and Worrisome Websites

Univeristy of Calfornia, San Deigo, Rising Stars in Data Science Workshop. November 14, 2024. San Deigo, CA.

# Tracking the Takes and Trajectories of News Narratives from Trustworthy and Worrisome Websites

The University of Cambridge, Computer Laboratory Security Seminar. November 8, 2024. Cambridge, UK.

# Thoroughly Tracking the Takes and Trajectories of News Narratives from Trustworthy and Worrisome Websites

Stanford University, Trust and Safety Conference. September 26, 2024. Stanford, CA.

# Tracking the Takes and Trajectories of News Narratives from Trustworthy and Worrisome Websites

Meta Computational Social Science Group, August 20, 2024. San Jose, CA.

### Tracking the Takes and Trajectories of News Narratives from Trustworthy and Worrisome Websites

Meta Computational Social Science Group, August 20, 2024. San Jose, CA.

### Narratives of Foreign Media Ecosystems in Chinese Social Media Discussions of the Russo-Ukrainian War

10th International Conference on Computational Social Science. June 18, 2024. Philadelphia, PA

# Tall and True Tales: Thoroughly Tracking the Takes and Trajectories of News Narratives from Trustworthy and Worrisome Websites

10th International Conference on Computational Social Science. June 18, 2024. Philadelphia, PA

# Narratives of Foreign Media Ecosystems in Chinese Social Media Discussions of the Russo-Ukrainian War

74th Annual Conference of the International Communication Association. June 20, 2024. Gold Coast, Australia

# The Future of Computational Message Science: Theoretical Advances, Computational Frontiers, and Grand Societal Challenges Panelist

74th Annual Conference of the International Communication Association Pre-Conference, Queensland University of Technology. June 19, 2024. Brisbane, Australia

# Thoroughly Tracking the Takes and Trajectories of News Narratives from Trustworthy and Worrisome Websites

The University of Chicago, People and Tech Seminar. April 5, 2024. Chicago, IL.

# Thoroughly Tracking the Takes and Trajectories of News Narratives from Trustworthy and Worrisome Websites

New York University, Center for Social Media and Politics. February 14, 2024. New York, NY.

#### Influence of foreign and domestic media ecosystems on Chinese social media.

TADA: New Directions in Analyzing Text as Data 2023, University of Massachusetts Amherst. November 09, 2023. Boston, MA.

# Narratives of Foreign Media Ecosystems in Chinese Social Media Discussions of the Russo-Ukrainian War

Politics and Computational Social Science 2023, UCLA. August 30, 2023. September 01, 2023. Los Angeles, CA.

# Happenstance: Utilizing Semantic Search to Track Russian State Media Narratives about the Russo-Ukrainian War on Reddit

119th American Political Science Association Annual Meeting. September 01, 2023. Los Angeles, CA.

# Narratives of Foreign Media Ecosystems in Chinese Social Media Discussions of the Russo-Ukrainian War

The 40th annual meeting of the Society for Political Methodology. July 9, 2023. Stanford, CA.

# Online Information Flows and Ecosystems: Understanding the Role of Misinformation and AI-Generated Media

University of Oxford, Oxford Internet Institute. June 13, 2023. Oxford, UK.

# Online Information Flows and Ecosystems: Understanding the Role of Misinformation and AI-Generated Media

University College London Information Security Seminar. June 12, 2023. London, UK.

Tracking the Influence of Russian State Media Narratives about the Russo-Ukrainian War University of Florida. September 06, 2022. Gainesville, FL.

Tracking the Influence of Russian State Media Narratives about the Russo-Ukrainian War University of Central Florida. August 16, 2022. Orlando, FL.

# Happenstance: Utilizing Semantic Search to Track Russian State Media Narratives about the Russo-Ukrainian War on Reddit

Stanford Security Lunch. May 11, 2022. Stanford, CA.

# Methods in the Madness: From QAnon to COVID-19, Conspiracy Theories' Relationship with Misinformation, the News Media, and the Wider Internet

Stanford Computer Forum. April 06, 2022. Stanford, CA

#### No Calm in the Storm

Stanford Security Lunch. September 08, 2021. Stanford, CA.

### Why Graduate School? My experience in graduate school

Princeton University. June 29, 2021. Princeton, NJ.

# Generate Z: Automatic De Novo Design of Anticancer Drugs using Transcriptomic Data, Genetic Algorithms, and Variational Autoencoders

3rd RSC-BMCS/RSC-CICAG Artificial Intelligence in Chemistry. September 01, 2020.London, UK

#### An Exploration of Contextualized Word Vectors for Sentiment Analysis

Oxford Computer Science Conference. April 01, 2019. Oxford, UK

#### DPSelect: A Differential Privacy Based Guard Relay Selection Algorithm for Tor

Oxford Computer Science Conference. April 01, 2019. Oxford, UK

### Mentorship and Volunteering

**Reviewer**. 28th ACM Conference On Computer-Supported Cooperative Work And Social Computing (CSCW 2025)

**Program Committee**. 19th International AAAI International Conference on Web and Social Media (ICWSM 2025)

**Poster Program Committee Associate Chair**. 27th ACM Conference On Computer-Supported Cooperative Work And Social Computing (CSCW 2024)

**Grad Mentor**. Stanford CS Research Mentorship (Fall 2023-Present) Mentee: Emily Okabe

Reviewer. 10th international conference on computational social science (IC2S2 2024)

Reviewer. 74th International Communications Association (ICA) Conference (ICA 2024)

**Reviewer**. 27th ACM Conference On Computer-Supported Cooperative Work And Social Computing (CSCW 2024)

**Program Committee**. 18th International AAAI International Conference on Web and Social Media (ICWSM 2024)

Reviewer. 18th International AAAI International Conference on Web and Social Media (ICWSM 2024)

**Program Committee**. 17th International AAAI International Conference on Web and Social Media (ICWSM 2023)

**Grad Mentor**. Stanford CS Graduate-Undergraduate Mentorship Program (2022-2023) Mentee: Jenny Duan

**Stanford CURIS Mentor**. Stanford's Computer Science summer undergraduate research program, (2022). Mentee: Jaylene Martinez

**Reviewer**. 26th ACM Conference On Computer-Supported Cooperative Work And Social Computing (CSCW 2023)

Reviewer. 17th International AAAI International Conference on Web and Social Media (ICWSM 2023)

**Reviewer**. 25th ACM Conference On Computer-Supported Cooperative Work And Social Computing (CSCW 2022)

**Peer Reviewer**. Stanford's Journal of Science, Tech, and Society (2022)

**Grad Mentor**. Stanford CS Graduate-Undergraduate Mentorship Program (2021-2022) Mentee: Jaehyon Park

Interviewer. Daniel M. Sachs Global Scholarship (2021)

Grad Mentor. Stanford Undergraduate Research Association (SURA) Mentor (2021)

Mentee: Laura Jean Bauman

**Representative**. University of Oxford Worcester College Middle Common Room Black, Asian, and Minority Ethnic (BAME) Representative (2019-2020)

### **Selected Honors**

#### 2024 Rising Stars in Data Science Workshop 2024

The <u>Rising Stars in Data Science workshop</u>, hosted at the University of California San Diego in collaboration with the University of Chicago focuses on celebrating and fast-tracking the careers of exceptional data scientists at a critical inflection point in their careers: the transition to postdoctoral scholar, research scientist, industry research position, or tenure track position. The Autumn 2024 workshop will showcase the exciting, innovative data science initiatives at UChicago and UC San Diego as well as the research work of exceptional PhD students and postdocs.

#### 2023 Meta Research PhD Fellowship in Computational Social Science

The Meta Research PhD Fellowship program awards PhD candidates conducting research on the cusp of emerging topics across computer science, engineering, and behavioral science. To support their commitment to furthering research in some of Meta's key interest areas, Fellows receive full coverage of tuition and university fees for up to two academic years, as well as a \$42,000 stipend.

### Stanford Enhancing Diversity in Graduate Education Doctoral Fellowship Fellowship

Fellowship offered to admitted Stanford doctoral students who contribute to the diversity of their field or degree program.

# Daniel M. Sachs Class of 1960 Graduating Scholarship at Worcester College, Oxford University

Scholarship assures tenure of two years and a stipend sufficient for university and college tuition at Oxford.

#### National Science Foundation Graduate Research Fellowship

Fellowship provides 3 years of funding and a stipend for university study and research at Stanford University.

### Princeton University Electrical Charles Ira Young Memorial Tablet & Medal

A memorial tablet to Charles Ira Young, class of 1883, has been placed in the Engineering Bldg. by friends of Mr. Young. The medal will be awarded each year to the student who excels in research in Electrical Engineering.

#### Princeton University SEAS James Hayes-Edgar Palmer Prize in Engineering

This is awarded annually to a senior in the School of Engineering and Applied Science who has manifested excellent scholarship, a marked capacity for leadership, and a promise of creative achievement in engineering.

#### Phi Beta Kappa Society, Beta Chapter of New Jersey, Princeton University

Awarded membership for exceptional academic achievement in the first three undergraduate years.

#### Princeton George B. Word Legacy Sophomore Prize for Academic Excellence

Received for achieving the highest distinction and recognition for sophomore academic work.

#### Princeton University Shapiro Award for Academic Excellence 2016

Received for achieving high academic excellence in sophomore academic work.

#### Princeton University Shapiro Award for Academic Excellence 2015

Received for achieving high academic excellence in freshman academic work.

### Sigma Xi Scientific Research Society

Scientific Research Honor Society is a non-profit honor society for scientists and engineers. Members elect others on the basis of their research achievements or potential.

#### Tau Beta Pi: Engineering Honor Society

Oldest Engineering Honor Society in the United States. Membership awarded to students in the top  $8^{th}$  of engineering class

#### Hertz Foundation Graduate Fellowship Finalist 2018

One of only 40 candidates from a pool of 700 applicants selected as finalists after 1<sup>st</sup> round interviews.

### McGraw Center for Teaching and Learning Excellent Tutor Award 2016

Awarded for excellent tutoring during the 2015-2016 year.

### **Rhodes Scholarship Finalist**

One of 14 students in the Birmingham District was invited to the final round of interviews for the Rhodes Scholarship.

#### **Marshall Scholarship Finalist**

One of 20 students in the Atlanta District was invited to the final round of interviews for the Marshall Scholarship.

#### **Ron Brown CAPtain Scholar**

Invitation-only professional development program for exceptional African-American students. Awarded to the top 3% of applicants.

#### **National Achievement Scholar for Academic Excellence 2014**

#### **National Merit Scholar for Academic Excellence 2014**

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