

## CURRICULUM VITAE

### **EDUCATION**

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- 2017 – PRESENT      **GEORGIA INSTITUTE OF TECHNOLOGY**  
PHD STUDENT IN THE SCHOOL OF PUBLIC POLICY, ANTICIPATED COMPLETION 2022  
GEORGIA TECH INSTITUTE FELLOW; GEORGIA TECH PRESIDENT'S FELLOW  
**RESEARCH INTERESTS:** ARTIFICIAL INTELLIGENCE POLICY, SCIENCE AND TECHNOLOGY POLICY,  
SOCIAL POLICY, SOCIAL IMPLICATIONS OF TECHNOLOGY
- 2013                      **UNIVERSITY OF PENNSYLVANIA**  
MASTER OF SCIENCE IN SOCIAL POLICY, SCHOOL OF SOCIAL POLICY AND PRACTICE  
**Focus:** EDUCATION POLICY AND RESEARCH
- 2012                      **PRINCETON UNIVERSITY**  
BACHELOR OF ARTS IN PHILOSOPHY, CERTIFICATE IN VALUES & PUBLIC LIFE  
**Focus:** ARTIFICIAL INTELLIGENCE, ETHICS, AND ROBOTICS & INTELLIGENT SYSTEMS  
  
**INDEPENDENT WORK:** THE NECESSITY OF SENSORY PERCEPTION FOR MACHINE COGNITION  
**THESIS:** THE ETHICS OF ARTIFICIAL INTELLIGENCE

### **ADDITIONAL COURSEWORK**

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- 2017                      **JOHNS HOPKINS UNIVERSITY**  
ONLINE COURSE IN R PROGRAMMING
- 2015, 2019              **UNIVERSITY OF MICHIGAN**  
ONLINE COURSES IN MODEL THINKING, PYTHON DATABASES, AND PYTHON DATA STRUCTURES
- 2010                      **GEORGETOWN UNIVERSITY**  
INTERNATIONAL RELATIONS AND PUBLIC DIPLOMACY SUMMER PROGRAM

### **RESEARCH/WORK EXPERIENCE**

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- 2018 – ONGOING      **SOCIAL RESPONSIBILITY OF STEM STUDENTS (NSF CCE STEM GRANT), ATLANTA, GA**  
RESEARCH ASSISTANT  
MIXED-METHODS RESEARCH PROJECT ASSESSING THE DEVELOPMENT OF SOCIAL RESPONSIBILITY IN  
STEM COLLEGE STUDENTS FOR NSF CULTIVATING COMMUNITIES FOR ETHICAL STEM GRANT. HELP  
LEAD THEORETICAL AND EMPIRICAL WORK WITH DRS. COLIN POTTS, ELLEN ZEGURA, JASON  
BORENSTEIN, AND WENDY NEWSTETTER
- 2019 – ONGOING      **ASPEN INSTITUTE, WASHINGTON, D.C.**  
CONSULTANT  
SUPPORT RESEARCH AND GRAPHIC DESIGN FOR ASPEN ECONOMIC STRATEGY GROUP
- 2018 (SPRING)        **ETHICALLY CONTENTIOUS SCIENCE (NSF CAREER GRANT), ATLANTA, GA**  
RESEARCH ASSISTANT  
PRODUCED EDUCATIONAL MODULES AND ASSISTED DR. AARON LEVINE ON RESEARCHING THE  
IMPACTS OF GRADUATE STUDENT PARTICIPATION IN ETHICALLY CONTENTIOUS FIELDS ON GRADUATE  
AND PROFESSIONAL EXPERIENCES FOR NSF CAREER GRANT
- 2016 – 2018            **WORLD SERIES OF ENTREPRENEURSHIP/EdBUILD, PHILADELPHIA, PA**  
CONSULTANT  
LEAD EVALUATION FOR YOUTH ENTREPRENEURSHIP EDUCATION PROGRAM
- 2013 – 2017            **PHILADELPHIA EDUCATION FUND, PHILADELPHIA, PA**  
DIRECTOR OF RESEARCH, EVALUATION, AND PLANNING (2015 – 2017)  
RESEARCH ANALYST/DATA MANAGER (2013 – 2015)  
  
STEERED STRATEGIC PLANNING, PROGRAMMATIC EVALUATION, AND CONTINUOUS IMPROVEMENT AS  
LEADERSHIP TEAM MEMBER AND DIVISION HEAD; OVERSAW POLICY ANALYSIS, STRATEGY, AND  
PUBLIC ENGAGEMENT; CONDUCTED ACADEMIC RESEARCH; DEVELOPED QUANTITATIVE AND  
QUALITATIVE PROGRAM TOOLS FOR DROPOUT PREVENTION, POSTSECONDARY SUCCESS, STEM  
EDUCATION, AND TEACHER PREPARATION PROGRAMS; PROCURED LOCAL AND FEDERAL GRANTS
- 2013 (SPRING/SUMMER)    **OPERATION PUBLIC EDUCATION, UNIVERSITY OF PENNSYLVANIA, PHILADELPHIA, PA**  
RESEARCH INTERN

DESIGNED STUDENT GROWTH OBJECTIVE POLICY FOR LARGE URBAN SCHOOL DISTRICT IN TEXAS;  
CONDUCTED MIXED METHODS RESEARCH ON COMPREHENSIVE DISTRICT EDUCATION PILOT PROGRAM

- 2011 (SUMMER) **FOUNDATION BEYOND BELIEF, ALPHARETTA, GA**  
INTERNSHIP  
DESIGNED STRATEGIC FRAMEWORK FOR NEW CHARITABLE GIVING PROGRAM; MANAGED PARTNER  
AND BENEFICIARY RELATIONSHIPS
- 2010 (SUMMER) **ALVAREZ & MARSAL, WASHINGTON, D.C., AND VIENNA, VA**  
PUBLIC SECTOR INTERN  
ASSISTED IN THE STARTUP OF A&M'S PUBLIC SECTOR CONSULTING DIVISION; STRATEGIZED AND  
RESEARCHED STATE AND FEDERAL CONTRACTS WITH DIVISION LEADERSHIP
- 2009 (SPRING) **OFFICE OF CONGRESSMAN DAVID ADELMAN, ATLANTA, GA**  
LEGISLATIVE INTERN  
CONDUCTED RESEARCH ON ISSUES AND STRATEGY FOR KEY LEGISLATION AND LOBBYING  
EFFORTS; WROTE PRESS RELEASES; COORDINATED CONSTITUENT COMMUNICATIONS
- 2009 (WINTER) **CNN INTERNATIONAL HEADQUARTERS, ATLANTA, GA**  
ASSISTANT  
SUPPORTED CNN ANCHOR JONATHAN MANN ON 'POLITICAL MANN' AND 10 AM SHOW
- 2008 (SUMMER) **INSTITUTE FOR THE STUDY OF MODERN ISRAEL, EMORY UNIVERSITY, ATLANTA, GA**  
INTERN  
CONDUCTED RESEARCH; DESIGNED WEBSITE; ASSISTED WITH INTERNATIONAL CONFERENCE
- 2006 (SUMMER) **GEORGIA TECHNOLOGY RESEARCH INSTITUTE, PHOSPHOR TECHNOLOGY CENTER OF  
EXCELLENCE, GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA, GA**  
RESEARCH INTERN  
CONDUCTED RESEARCH ON CdTe QUANTUM DOTS FOR AVIAN FLU IMAGING AND ELECTRO-OPTICS

#### **VOLUNTEER/COMMUNITY ENGAGEMENT**

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- 2018 – ONGOING **IEEE P7010 – RECOMMENDED PRACTICE FOR THE IMPACT OF AUTONOMOUS AND  
INTELLIGENT SYSTEMS ON HUMAN WELL-BEING**  
SECRETARY (2019-20); CHAIR, SUBGROUP ON IMPLEMENTATION FOR A/IS (2017-18)
- 2018 – 2019 **UNIV. OF PENNSYLVANIA MASTER OF SCIENCE IN SOCIAL POLICY ALUMNI ASSOCIATION**  
CO-CHAIR OF MSSP ALUMNI ASSOCIATION BOARD
- 2018 – 2019 **IEEE GLOBAL INITIATIVE ON ETHICS OF AUTONOMOUS AND INTELLIGENT SYSTEMS**  
POLICY AND WELL-BEING COMMITTEE MEMBER FOR ETHICALLY ALIGNED DESIGNED V3
- 2016 – ONGOING **FIELD CENTER FOR CHILDREN'S POLICY, PRACTICE & RESEARCH, PHILADELPHIA, PA**  
SERVE ON YOUNG PROFESSIONALS COUNCIL ADDRESSING INTERDISCIPLINARY CHILD POLICY
- 2015 – 2017 **PHILLYCORE LEADERS, PHILADELPHIA, PA**  
SERVED AS POLICY COMMITTEE MEMBER FOR NETWORK OF EDUCATION LEADERS
- 2015 – 2017 **PHILADELPHIA SCHOLARS, PHILADELPHIA, PA**  
MENTORED FIRST-GENERATION COLLEGE STUDENTS
- 2013 **SPARK MENTORSHIP, PHILADELPHIA, PA**  
MENTORED AT-RISK MIDDLE SCHOOL STUDENT THROUGH CAREER EXPLORATION
- 2013 **SP2 GRIEVANCE COMMITTEE, UNIVERSITY OF PENNSYLVANIA, PHILADELPHIA PA**
- 2011 – 2012 **PRINCETON PHILOSOPHY REVIEW, PRINCETON UNIVERSITY, PRINCETON, NJ**  
DEVELOPED AND PROMOTED PHILOSOPHER INTERVIEW SERIES AS FOUNDING BOARD MEMBER
- 2010 – 2012 **PRINCETON UNIVERSITY SOCIETY OF HUMANISTS, PRINCETON UNIVERSITY, PRINCETON, NJ**  
SERVED AS FOUNDING PRESIDENT; ORGANIZED MEMBERSHIP, SPEAKERS, AND EVENTS

#### **TEACHING EXPERIENCE**

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- 2020 (SUMMER) **COLLEGE OF COMPUTING, GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA, GA**  
INSTRUCTOR OF RECORD FOR CS4001: COMPUTING, SOCIETY, AND PROFESSIONALISM
- 2017 (FALL) **SCHOOL OF PUBLIC POLICY, GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA, GA**  
TEACHING ASSISTANT FOR UNDERGRADUATE COURSE ON STATISTICAL ANALYSIS FOR PUBLIC POLICY

2014 – 2015                    **FELS INSTITUTE OF GOVERNMENT**, UNIVERSITY OF PENNSYLVANIA, PHILADELPHIA, PA  
TEACHING ASSISTANT FOR GRADUATE COURSE ON STATISTICS FOR PUBLIC POLICY

2013 – 2015                    **THE PRINCETON REVIEW**, PHILADELPHIA, PA  
INSTRUCTOR FOR LSAT AND SAT COURSES

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## PROFESSIONAL AFFILIATIONS

ASSOCIATION FOR THE ADVANCEMENT OF ARTIFICIAL INTELLIGENCE, INTERNATIONAL ARTIFICIAL INTELLIGENCE IN EDUCATION SOCIETY, ASSOCIATION FOR PUBLIC POLICY ANALYSIS AND MANAGEMENT, INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS STANDARDS ASSOCIATION

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## AWARDS AND HONORS

GEORGIA INSTITUTE OF TECHNOLOGY, INSTITUTE FELLOWSHIP, 2017-21 (\$10,000)  
GEORGIA INSTITUTE OF TECHNOLOGY, PRESIDENT'S FELLOWSHIP, 2017-21 (\$20,000)  
CRIDC GRADUATE STUDENT CONFERENCE GRADUATE POSTER COMPETITION, PROVOST'S AWARD, 2020 (\$2000)  
AMERICAN POLITICAL SCIENCE ASSOCIATION PRESTAGE-COOK TRAVEL AWARD, 2020 (\$300)  
ENTERPRISE INNOVATION INSTITUTE, SCIENCE TECHNOLOGY AND INNOVATION POLICY AWARD, 2019 (\$6000)  
IVAN ALLEN LIBERAL ARTS GRADUATE ESSAY COMPETITION, RUNNER-UP, 2019 (\$1000)  
PRINCETON UNIVERSITY CENTER FOR HUMAN VALUES SUMMER GRANT, 2011 (\$700)

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## JOURNAL ARTICLES

- SCHIFF, D., BORENSTEIN, J., LAAS, K, & BIDDLE, J. (WORKING PAPER). *AI ETHICS IN THE PUBLIC, PRIVATE, AND NGO SECTORS: A REVIEW OF 112 A GLOBAL DOCUMENT COLLECTION*.
- SCHIFF, D., SCHIFF, K.J., & PIERSON, P. (WORKING PAPER). *CITIZEN CONCERNS ABOUT BIAS, TRANSPARENCY, AND LACK OF HUMAN AGENCY IN GOVERNMENT USE OF AI: EVIDENCE FROM A SURVEY EXPERIMENT*. PRE-ANALYSIS PLAN AVAILABLE AT [HTTPS://EGAP.ORG/REGISTRATION/5819](https://egap.org/registration/5819)
- GANZ, S. & SCHIFF, D. (UNDER REVIEW). *SUBCOALITION CLUSTER ANALYSIS: A NEW METHOD FOR MEASURING POLITICAL CONFLICT IN ORGANIZATIONS*. PRE-PRINT AVAILABLE AT [HTTPS://OSF.IO/PREPRINTS/SOCARXIV/5KUFG/](https://osf.io/preprints/socarxiv/5kufg/)
- SCHIFF, D., LOGEVALL, E., BORENSTEIN, J., NEWSTETTER, W., POTTS, C., & ZEGURA, E. (REVISE AND RESUBMIT AT THE JOURNAL OF ENGINEERING EDUCATION). *LINKING PERSONAL AND PROFESSIONAL SOCIAL RESPONSIBILITY DEVELOPMENT: INFLUENCES AND INHIBITORS IN EARLY UNDERGRADUATE EDUCATION*.
- SCHIFF, D. (REVISE AND RESUBMIT AT AI & SOCIETY). *OUT OF THE LABORATORY AND INTO THE CLASSROOM: THE FUTURE OF AI IN EDUCATION*.
- SCHIFF, D. & BORENSTEIN, J. (2019). HOW SHOULD CLINICIANS COMMUNICATE WITH PATIENTS ABOUT THE ROLES OF ARTIFICIALLY INTELLIGENT TEAM MEMBERS? *AMA JOURNAL OF ETHICS*, 21(2), n2.
- SCHIFF, D., HERZOG, L., FARLEY-RIPPLE, E., & IANNUCCILLI, L. T. (2015). TEACHER NETWORKS IN PHILADELPHIA: LANDSCAPE, ENGAGEMENT, AND VALUE. *PENN GSE PERSPECTIVES ON URBAN EDUCATION*, 12(1), n1.
- KANG, Z. T., WAGNER, B. K., PARRISH, J., SCHIFF, D., & SUMMERS, C. J. (2007). ENHANCEMENT OF WHITE LUMINESCENCE FROM SiNx FILMS BY SURFACE ROUGHENING. *NANOTECHNOLOGY*, 18(41), 415709.

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## CONFERENCE PAPERS

- SCHIFF, D., BIDDLE, J., BORENSTEIN, J., AND LAAS, K. (PROCEEDINGS OF THE 2020 AAAI/ACM CONFERENCE ON AI, ETHICS, AND SOCIETY). *WHAT'S NEXT FOR AI ETHICS, POLICY, AND GOVERNANCE? A GLOBAL OVERVIEW*.
- SCHIFF, D., MURAHWI, Z., MUSIKANSKI, L., & HAVENS, J.C. (2019). *A NEW PARADIGM FOR AUTONOMOUS AND INTELLIGENT SYSTEMS DEVELOPMENT: WHY WELL-BEING MEASUREMENT MATTERS*. WORKSHOP PAPER PRESENTED AT COMPUTER HUMAN INTERACTION WORKSHOP ON DIGITAL WELL-BEING, GLASSGOW, UK.
- NARVILKAR, M., MANGIAMELI, J., GARCIA, A., ISMAIL, A., SCHIFF, D., SCHECHTER, D. CHEN, J., BHAT, K., WONG-VILLACRES, M., VASUDEVA, A., RAMESH, A., DYE, M., KARUSALA, N. SINGH, P., MURTHY, S., GUPTA, S. LAKSHMI, U. KUMAR, N. (2019). *BRINGING SHADES OF FEMINISM TO HUMAN-CENTERED COMPUTING*. EXTENDED ABSTRACTS OF THE 2019 CHI CONFERENCE ON HUMAN FACTORS IN COMPUTING SYSTEMS.

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## PRESENTATIONS

- SCHIFF, D., BIDDLE, J., BORENSTEIN, J., AND LAAS, K. (2020, FEBRUARY 9) *WHAT'S NEXT FOR AI ETHICS, POLICY, AND GOVERNANCE? A GLOBAL OVERVIEW*. AAAI/ACM CONFERENCE ON AI, ETHICS, AND SOCIETY, NY, NY.
- SCHIFF, D., SCHIFF, K.J., & PIERSON, P. (2020, JANUARY 9). *HOW ISSUES OF BIAS, TRANSPARENCY,*

*AND AGENCY AFFECT CITIZEN SUPPORT FOR AI IN GOVERNMENT SERVICES.* SOUTHERN POLITICAL SCIENCE ASSOCIATION, SAN JUAN, PR.

- SCHIFF, D., & TOPOR, L. (2020, JANUARY 10). *POLITICS, BIG DATA, AND NEW TECHNOLOGY: THE STATE OF THE FIELD.* PANEL DISCUSSANT AT SOUTHERN POLITICAL SCIENCE ASSOCIATION, SAN JUAN, PR.
- SCHIFF, D. & JOYNER, D. (2019, OCTOBER 4). *DESIGNING TECHNOLOGY FOR ONLINE ADULT EDUCATION.* PANEL SESSION AT AMERICAN PSYCHOLOGICAL ASSOCIATION, TECHNOLOGY, MIND, & SOCIETY CONFERENCE, WASHINGTON, D.C.
- SCHIFF, D. (2019, SEPTEMBER 5). *PREPARING GEORGIA STAKEHOLDERS FOR THE AI REVOLUTION.* PRESENTATION TO SCIENCE, TECHNOLOGY, AND INNOVATION POLICY PROGRAM, ATLANTA, GA.
- SCHIFF, D. (2019, JANUARY 25). *OUT OF THE LABORATORY AND INTO THE CLASSROOM: THE FUTURE OF ARTIFICIAL INTELLIGENCE IN EDUCATION.* IVAN ALLEN CONFERENCE, GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA, GA.
- GANZ, S. & SCHIFF, D. (2018, OCTOBER 26). *IDENTIFYING POLITICAL COALITIONS ON ORGANIZATIONS: AN AGONY-BASED APPROACH.* WORKSHOP ON ORIGINAL POLICY RESEARCH, GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA, GA.
- SCHIFF, D. (2016, MAY 18). *PHILADELPHIA EDUCATION FUNDING OR THE LACK THEREOF.* PRESENTATION TO REPAIR THE WORLD, PHILADELPHIA, PA.
- SCHIFF, D., HERZOG, L., & FARLEY-RIPPLE, E. (2015, APRIL 19). *TEACHER NETWORKS IN PHILADELPHIA: LANDSCAPE, ENGAGEMENT, AND VALUE.* PRESENTATION AT ROUNDTABLE OF THE AMERICAN EDUCATIONAL RESEARCH ASSOCIATION, CHICAGO, IL
- SCHIFF, D. (2015, FEBRUARY 28). *TEACHER NETWORKS IN PHILADELPHIA: THE CURRENT LANDSCAPE.* PRESENTATION AT GROW IN GREATER PHILLY, PHILADELPHIA, PA.
- SCHIFF, D. (2013, NOVEMBER 17). *A PRIMER ON MORAL PHILOSOPHY.* PRESENTATION TO THE PENN SECULAR SOCIETY, UNIVERSITY OF PENNSYLVANIA, PHILADELPHIA, PA.
- HERZOG, L., FARLEY-RIPPLE, E., THUM, L., & SCHIFF, D. (2013, OCTOBER 4). *TEACHER NETWORKS IN PHILADELPHIA.* PRESENTATION TO THE PENNSYLVANIA EDUCATION RESEARCH ASSOCIATION'S CONFERENCE, PHILADELPHIA, PA.
- SCHIFF, D. (2012, APRIL 20). *ACQUISITION AND TRANSMISSION OF BELIEFS WITHIN RELIGIOUS SYSTEMS.* PRESENTATION TO THE PRINCETON UNIVERSITY CENTER FOR HUMAN VALUES, PRINCETON, NJ.

## **POSTERS**

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- SCHIFF, D., LAAS, K., BORENSTEIN, J., AND BIDDLE, J. *WHAT'S NEXT FOR AI ETHICS, POLICY, AND GOVERNANCE? A GLOBAL OVERVIEW.* POSTER SESSION PRESENTED AT CRIDC CONFERENCE, GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA, GA.
  - SCHIFF, D. & NAZARENO, L. (2019, NOVEMBER 7). *HOW AUTOMATION AND AI AFFECT WORKER WELL-BEING: LOOKING BEYOND DISPLACEMENT AND WAGES.* POSTER SESSION PRESENTED AT ASSOCIATION FOR POLICY ANALYSIS AND MANAGEMENT, DENVER, CO.
  - SCHIFF, D. & NAZARENO, L. (2019, OCTOBER 14). *BEYOND LABOR DISPLACEMENT: THE IMPACT OF AUTOMATION AND AI ON WORKER WELL-BEING.* POSTER SESSION PRESENTED AT ATLANTA CONFERENCE ON SCIENCE AND TECHNOLOGY POLICY, ATLANTA, GA.
  - GANZ, S. & SCHIFF, D. (2018, OCTOBER 26). *IDENTIFYING POLITICAL COALITIONS IN THE BASEBALL WRITERS ASSOCIATION: AN AGONY-BASED APPROACH.* POSTER SESSION PRESENTED AT CRIDC CONFERENCE, GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA, GA.
  - HERZOG, L. & SCHIFF, D. (2014, APRIL 8). *TEACHER NETWORKS IN PHILADELPHIA: THE CURRENT LANDSCAPE.* POSTER SESSION PRESENTED AT THE MID-ATLANTIC REGIONAL EDUCATIONAL LABORATORY RESEARCH, POLICY AND PRACTICE CONFERENCE, PHILADELPHIA, PA.
  - SCHLESINGER, K., SCHIFF, D., & ROBERTSON-KRAFT, C. (2014, APRIL 6). *DESIGN AND IMPLEMENTATION OF A STUDENT GROWTH OBJECTIVE SYSTEM FOR EDUCATORS IN NON-CORE SUBJECTS.* POSTER SESSION PRESENTED AT THE MEETING OF THE AMERICAN EDUCATIONAL RESEARCH ASSOCIATION, PHILADELPHIA, PA.