

# Drew Pendergrass

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## Education

- **Harvard University** Cambridge, MA  
*GPA: 4.0; BA candidate in Physics and Mathematics* Anticipated May 2020
  - Winner of the 2017 Harvard College Veritas award
  - Relevant Coursework: Quantum and Statistical Foundations for Chemistry (PS10), Linear Algebra and Real Analysis (Math 23), Introductory Mechanics and Relativity (Physics 15)
- **Huntsville High School** Huntsville, AL  
*GPA: 4.43* May 2016
  - Winner of the 2016 National Courage in Student Journalism award, given by NSPA and SPLC
  - 2016 National Merit Scholar

## Research Experience

- **Atmospheric Chemistry Modeling Group** Cambridge, MA  
*Researcher under Professor Daniel Jacob, Harvard University* Dec. 2016 – Present
  - Study the relationship between Chinese weather patterns and pollution accretion using extreme value theory.
  - Received Spring 2017 cost-of-living grant as a Harvard College Research Program fellow (HCRP).
  - Received Summer 2017 fellowship in the Harvard Program for Research in Science and Engineering (PRISE).
- **Radcliffe Institute for Advanced Study** Cambridge, MA  
*Radcliffe Research Partner for Dr. Anthony Tan* Sep. 2016 – May 2017
  - Use Max for Live, Ableton, and other audio software to engineer computer systems capable of processing original musical compositions in a live May 2017 concert
  - Design high-speed algorithms for delay, granular synthesis, and distortion of live audio signals, mixed on stage during the performance

## Work Experience

- **Harvard Political Review** Cambridge, MA  
*Associate Editor of US Politics* Dec. 2016 – Present
  - Edit several articles per week, give personal feedback to staff and freelance writers, and manage longterm strategy for the most active section of the HPR.
  - Wrote "The Alabamification of America," the most popular story ever published by the HPR, with over 100,000 views and 11,000 likes in under 4 days
- **Harvard Crimson** Cambridge, MA  
*FM Magazine staff writer* Sep. 2016 – Present
  - Conduct interviews, study archives, and work with teams of editors to write and publish weekly in-depth articles relevant to the Harvard community
- **Martinson and Beason, P.C.** Huntsville, AL  
*Legal Intern* Jun. 2016 – Aug. 2016
  - Wrote deeds, civil complaints, civil rights complaints, requests for discovery, and wills
  - Drafted civil rights lawsuit against the Alabama Medicaid Office heard in US Federal Court.

## Skills

**Programming: Advanced:** Java, L<sup>A</sup>T<sub>E</sub>X, R, MATLAB **Intermediate:** Python, JavaScript, HTML/CSS **Basic:** PHP, Unix, Mathematica, JoyceScript (an esoteric Java-interpreted language I designed based on *Ulysses*)

**Music:** Finale, Audacity, Ableton for Live, Max for Live, ProTools, audio engineering (certified SOCH Studios engineer)

**Other:** conversational French, InDesign, Photoshop