

# Rushi Shah

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## Education

- May 2024 **Harvard Law School**, *J.D. (in progress)*  
Sept. 2021 **Princeton University**, *M.A. Computer Science*  
May 2020 **University of Texas - Austin**, *B.S. Computer Science & B.S. Mathematics (Turing Scholar)*  
May 2016 **Thomas Jefferson High School for Science and Technology (TJHSST)**

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## Work Experience

- Summer 2021 **Law Offices of the Public Defender, Legal Intern (Felony Division)**, Albuquerque, NM
- Worked under 11 attorneys for 19 clients on research/writing, direct client work, trial prep, and doc review
  - Researched and drafted motion to suppress, memo on Miranda waiver validity while intoxicated, and memo on double jeopardy challenge to firearm enhancement; cite checked, proofread, and edited other pieces
  - Discussed cases with clients over video, in person at the office and at the jail; visited murder scene
  - Assisted heavily in preparation for jury trial of one client accused of murder (found not guilty on all counts)
  - Reviewed police lapel videos, client criminal histories, evidence, discovery, depositions, and other docs
- 2020 - 2021 **Center for Information Technology Policy (CITP), Research Assistant**, Princeton, NJ
- Led ongoing research to quantitatively measure pathways to far-right radicalization on the internet
  - Results will help interrupt viral alt-right, white supremacist, and neo-Nazi extremist content
  - Collaboration with Mozilla allows analysis across multiple platforms (YouTube, Reddit, Parler, 4chan, etc.)
  - Was responsible for every aspect of project: reviewed interdisciplinary literature, designed research questions, drafted IRB documents, and implemented code for internet measurements
- Summer 2019 **UT Program Analysis Research Group (UToPiA), Research Assistant**, Austin, TX
- Presented paper called “*Synthesizing Database Programs for Schema Refactoring*” (third author) at top-tier Programming Languages Design & Implementation (PLDI) conference
  - Implemented prototype tool in Java programming language for paper called “*Data Migration using Datalog Program Synthesis*” (second author) at top-tier Very Large DataBases (VLDB) conference
- Spring 2019 **CS 389L Automated Logical Reasoning, Teaching Assistant**, Austin, TX
- Graded proof-based weekly homeworks and exams & held office hours for 60 Master’s and Ph.D. students
- Summer 2018 **Amazon, Software Engineering Intern**, Tokyo, Japan
- Leveraged edge-detection algorithm to track real-time, location-based purchase trends in order data
- Summer 2014, 2015 **MITRE Corporation, Research Assistant**, Washington DC
- Worked on the FAA’s Closed Runway Operations Prevention Device, which prevents plane crashes
  - Adapted computational linguistics algorithms to call-sign identification task in over 25,000 transmissions and edited the strict language model based on air traffic controller’s emerging speech patterns

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## Publications

- Jan. 2021 **Defund the Police After the Jan. 6th Coup Attempt**, [Rushi Shah](#), *The Daily Princetonian*
- Sept. 2020 **Data Migration using Datalog Program Synthesis**, Yuepeng Wang, [Rushi Shah](#), Abby Criswell, Rong Pan, Isil Dillig, *Proceedings on Very Large DataBases (VLDB ’20)*
- March 2020 **TX Felon Disenfranchisement Enables Institutional Racism**, [Rushi Shah](#), *The Daily Texan*
- June 2019 **Synthesizing Database Programs for Schema Refactoring**, Yuepeng Wang, James Dong, [Rushi Shah](#), Isil Dillig, *Programming Languages Design & Implementation (PLDI ’19)*

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## Organizations

- 2020-2021 **Princeton Students for Prison Education, Abolition, and Reform (SPEAR)**  
2017-2020 **TX Votes (non-partisan civic engagement), STEM Committee Chairperson**