Grant Skaggs

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Site: grantskaggs.com/

Education

May 2020 | **University of Texas - Austin**, *Turing Scholar Honors Program*
B.S. Computer Science & B.S. Mathematics; **GPA: 3.97**

Work Experience

Summer 2020 | **Duolingo**, *Software Engineering Intern*
- 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) in top-tier Very Large DataBases (VLDB) conference

Summer 2019 | **University of Texas at Austin**, *Research Assistant*
- Served as Teaching Assistant for 60 Master's and Ph.D. students; graded weekly proof-based homeworks; held well-attended weekly office hours; helped grade midterm and final exam

Mentorship

Fall 2020 | **UT Computer Science Department**, *Pod Mentor*
- 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) in top-tier Very Large DataBases (VLDB) conference

Summer 2019 | **University of Texas at Austin**, *Research Assistant*
- Served as Teaching Assistant for 60 Master's and Ph.D. students; graded weekly proof-based homeworks; held well-attended weekly office hours; helped grade midterm and final exam

Publications

Sept. 2020 | **Data Migration using Datalog Program Synthesis**, Yuepeng Wang, <u>Rushi Shah</u>, Abby Criswell, Rong Pan, Isil Dillig, *Proceedings on Very Large DataBases (VLDB '20)*

March 2020 | **Texas Felon Disenfranchisement Enables Institutional Racism**, <u>Rushi Shah</u>, *The Daily Texan*

June 2019 | **Synthesizing Database Programs for Schema Refactoring**, Yuepeng Wang, James Dong, <u>Rushi Shah</u>, Isil Dillig, *Programming Languages Design & Implementation (PLDI '19)*

Leadership

2017-2020 | **TX Votes (non-partisan civic engagement)**, *STEM Committee Chairperson*
- Threw voter registration drive in Computer Science building, organized four *Tech & Politics Speaker Series* events, and personally registered over 250 voters

Speaking Engagements

Dec. 2018 | **Moderator**, *Tech & Politics Speaker Series*, Prof. Hovav Shacham on Election Security

Nov. 2018 | **Speaker**, *Math Directed Reading Symposium*, "Gerrymandering Considered Harmful"

Apr. 2018 | **Speaker**, *Turing Lightning Talks*, "Voting! For fun & profit."

Feb. '18,'19 | **Moderator**, *Great Conversations Gala*, Annette Strauss Institute For Civic Life