

Grant Skaggs

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Education

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

Work Experience

Summer **Duolingo, Software Engineering Intern**

- 2020 • 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 **University of Texas at Austin, Research Assistant**

- 2019 • 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 **UT Computer Science Department, Pod Mentor**

- 2020 • Presented paper called “*Synthesizing Database Programs for Schema Refactoring*” (third author) at top-tier Programming Languages Design & Implementation (PLDI) conference
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- 2019 • 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, [Rushi Shah](#), Abby Criswell, Rong Pan, Isil Dillig, *Proceedings on Very Large DataBases (VLDB ’20)*

March 2020 **Texas 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)*

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