Ana Brendel

732-804-8826
anabrendel25@gmail.com
github.com/ana-brendel
www.linkedin.com/in/ana-brendel

EDUCATION

The University of Texas at Austin
Bachelors of Science in Computer Science   *2018-2022*

The University of Texas at Austin
Bachelors of Science in Mathematics   *2018-2022*

PUBLICATIONS

Bottom-up Synthesis of Recursive Functional Programs using Angelic Execution (BURST)
Anders Miltner, Adrian Trejo Nuñez, Ana Brendel, Isil Dillig, and Swarat Chaudhuri, "Bottom-up Synthesis of Recursive Functional Programs using Angelic Execution," in ACM SIGPLAN Synposium on Principles of Programming Languages (POPL), 2022.

EXPERIENCE

UToPiA Research Lab   UT Austin
Undergraduate Research Assistant
- Lab lead by Professor Isil Dillig
- Researching programming languages and formal methods
- Attend lab meetings and discuss projects

Trishul Research Lab   UT Austin
Undergraduate Research Assistant
- Lab lead by Professor Swarat Chaudhuri
- Researching intersection of AI and programming languages
- Attend lab meetings and discuss projects

Discrete Mathematics for Computer Scientists (CS311/CS311H)   UT Austin
Undergraduate Teaching Assistant
- Courses taught by Prof. Isil Dillig and Dr. Devangi Parikh
- Host discussion sections and office hours
- Grade assignments
- Taught for three semesters

Discrete Mathematics (M325K) and Intro to Number Theory (M328K)   UT Austin
Undergraduate Grading Assistant
- Courses taught by Dr. Zachary Miner
- Grade assignments
- Assisted for two semesters

Microsoft Corporation   Redmond, Washington
Software Engineer Intern   *Summer 2021*
- Developed software to implement high-dynamic-range (HDR) affect for systems
- Managed by Leonardo Blanco

Microsoft Corporation   Redmond, Washington
Explore Intern   *Summer 2020*
- Worked with a partner to do both program managing and software engineering tasks
- Developed application to combine task manager and settings page functionality
- Managed by Tim Kurtzman

HONORS

CS Research Mentorship Program Scholar
- **Issued** - January 2021
- **Issued by** - Google
- **Description** - Accepted to a three month program that matches students with Google mentors and peers to support their pursuit of computer science research pathways. (research.google/outreach/csrmp)

INTERESTS

- Hiking and being outside
- Drinking coffee with friends
- Being with friends and family
- Sleeping and stretching