

# Abby Krishnan

214-536-1996

abbykrishnan@utexas.edu

<http://www.linkedin.com/in/abbykrish>

[github.com/abbykrish](https://github.com/abbykrish)

---

## Education

Expected Graduation – May 2021

University of Texas at Austin – Austin, TX

BS in Computer Science. GPA: 3.7

Bridging Disciplines Certificate in Public Policy and Applied Statistical Modeling Certificate

Coursework: Data Structures, Computer Architecture, Computational Bio, Operating Systems, Algorithms

Currently taking: Virtualization, Computer Security

---

## Experience

**Facebook – Menlo Park, CA**

Software Engineering Intern

May 2019 – August 2019

- Intern working on the Civic Integrity team, specializing in Authenticity
- Built a full-stack, interactive web application in **ReactJS, Relay/GraphQL, and Hack** for proactive civic harm reduction on the platform.
- Added and optimized data pipelines in **PrestoSQL** for additional and more accurate civic metrics
- Worked closely with engineers, designers, and data scientists to conduct research on user needs

**HomeAway – Austin, TX**

Software Engineering Intern

May 2018 – August 2018

- Enhanced the type-ahead on product search pages with **A/B testing** via a new sorting framework
- Application consumed data from a **Kafka** topic that was filtered and written to a **Cassandra** database.
- Created **Elasticsearch** compatible JSON with location popularity using a SparkSQL data migrations.

**Booster Fuels – Dallas, TX**

Data Analytics Intern

June 2016 – August 2016 and June 2017 – August 2017

- Projects included writing **SQL** queries for data visualization models in customer retention analysis, cohort analysis, efficiency calculations, and predictive growth tools.

---

## Skills

Experienced in Java, SQL (Postgres, Spark, Presto),

ReactJS, Relay/GraphQL, PHP/Hack

Familiar with Python (Pandas, NumPy), HTML/CSS

Familiar with technologies like Git, Mercurial, Hive,

Cassandra, Kafka, DataDog

---

## Projects

- Parliamentary Procedure Precedence Chart – *Java GUI application for use in Debate rounds.*
- Voyage – *a web application built in HTML/CSS with back-end implemented using Flask*
- Texas Education Data Analysis – *data visualizations on Texas public schools to find trends and projections*

---

## Honors and Activities

- Texas Civic Tech Project – *Co-founder of organization that promotes civics and service via technology*
- Department of Computer Science Pod Mentor – *Lead a weekly seminar for first-year CS students.*
- Computational Media Lab – *assist in database creation and data streaming for UT media lab.*
- TAMUHack 2018 – *General Motors Core Value Award for Web Application Voyage.*
- TX Votes – *organize civic engagement events and registered over 140 voters for the 2018 election.*
- Speech and Debate – *Placed top 6 in the nation at the NSDA Tournament in Congressional Debate*