

# Kaelen Saythongkham

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## EDUCATION

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**University of Texas at Austin**, Bachelor of Science in Mathematics May 2022

- Relevant Coursework: Matrices and Matrix Calculations, Intro to Probability & Statistics, Introduction to Programming, Discrete Mathematics, Applied Statistics, Intro to Mathematical Statistics
- Activities & Organizations: Texas Convergent, UT Microfarm, Information and Systems Security Society, ACM, Mathematicians of Colour Alliance of Texas officer, Fretail Hackers tech team

## TECHNICAL SKILLS

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**Software** Java, HTML, CSS, Javascript, Python, R, SQL  
**Technologies** Git, React, Firebase, Flutter

## PROJECTS

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- autoClips**, *Front End Developer* | React, Python Aug 2020 - Dec 2020
- Designed and developed the frontend of a machine learning model to generate highlights of a sports game
- Foodability**, *Back End Developer* | React Native, Google Maps API, Firebase Jan 2020 - May 2020
- Developed the backend for restaurant rating and review app designed for accessibility accommodations
- Drip**, *Front End Developer/ User Interface Designer* | Flutter, Firebase Aug 2019 - Dec 2019
- Developed frontend and user interface for water conservation app

## EXPERIENCE

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- H-E-B**, *Incoming Software Engineering Intern* May 2021 - July 2021
- PyNets**, *Research Assistant* September 2020 - Present
- Austin, Texas
- Applied tests using PyTest on assorted python files to ensure they are working properly and up to date
  - Refined and wrote tests according to the necessary output
  - Consulted project lead and other members to check if files are operating correctly
- The University of Texas at Austin**, *Student Technician* September 2019 - Dec 2020
- Austin, Texas
- Maintained and regulated classroom technology, including computers and AV systems
  - Adapted to urgent technical problems and responded quickly and effectively
  - Administered technical service and guidance for students, faculty, and staff
- Project SEED**, *English Office RA* January 2019 - June 2019
- Austin, Texas
- Refined and regulated a complete training schedule by communicating with the other research assistants
  - Communicated any changes made to the schedule to the project manager by issuing emails every day at 9 pm
  - Compiled all changes made and updated various spreadsheets to ensure they were up to date

## HONORS AND AWARDS

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Presidential Scholars August 2018