

# Kaelen Saythongkham

512-228-0045 | kaelensayth@gmail.com | <https://github.com/kaelens>

## EDUCATION

---

**University of Texas at Austin**, Bachelor of Science in Mathematics, 3.58/4.00 GPA 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, Developer Student Club, Mathematicians of Colour Alliance of Texas officer, Freetail Hackers

## TECHNICAL SKILLS

---

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

## PROJECTS

---

**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

---

**H-E-B**, *Incoming Software Engineering Intern* May 2021 - July 2021

**PyNets**, *Student 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

---

Presidential Scholars

August 2018