# Kaelen Saythongkham

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

## EDUCATION

**University of Texas at Austin**, Bachelor of Science in Mathematics, 3.59/4.00 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, Mathematicians of Colour Alliance of Texas undergraduate officer, Freetail Hackers tech team

## TECHNICAL SKILLS

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

## PROJECTS

**Tweet-whiz**, *Developer* | React, Python　　　　　　　　　　　　　　　　　　Jan 2021 - May 2021
- Designed and developed a web-app for generating and searching various twitter analytics

**TechSave**, *Front End Developer* | React, Flask　　　　　　　　　　　　　　Jan 2021 - May 2021
- Designed and developed entire react app that scans SBOMs of medical devices and looks for vulnerabilities

**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

## EXPERIENCE

**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

Presidential Scholars　　　　　　　　　　　　　　　　　　　　　　　　August 2018