

Kaelen Saythongkham

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EDUCATION

The 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, Developer Student Club, Mathematicians of Colour Alliance of Texas undergraduate 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

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 9pm
- Compiled all changes made and updated various spreadsheets to ensure they were up to date

HONORS AND AWARDS

- Presidential Scholars August 2018