Kaelen Saythongkham

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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, Mathematicians of Colour Alliance of Texas officer, Freetail Hackers tech team

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, *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