Kaelen Saythongkham

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EDUCATION

University of Texas at Austin, Bachelor of Science in Mathematics, 3.61/4.00 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

PROJECTS

Tweet-whiz, *Developer* | React, Python   Jan 2021 - May 2021
- Planned and developed webapp for generating and searching various twitter analytics

TechSave, *Front End Developer* | React, Flask   Jan 2021 - May 2021
- Designed and created entire frontend that scans software bill of materials of medical devices and looks for vulnerabilities to notify user

autoClips, *Front End Developer* | React, Python   Aug 2020 - Dec 2020
- Built and refined 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, *Software Engineering Intern*   May 2021 - July 2021

PyNets, *Research Assistant*   Sept 2020 - Present
- Applied tests using PyTest on assorted python files to ensure they are working properly and up to date
- Refined and wrote unit 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*   Sept 2019 - Dec 2020
- 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*   Jan 2019 - June 2019
- 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

HONORS AND AWARDS

Presidential Scholars   Aug 2018

TECHNICAL SKILLS

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