

Kaelen Saythongkham

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EDUCATION

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- University of Texas at Austin**, Bachelor of Science in Mathematics, 3.61/4.00 GPA May 2022
- Certificates in Applied Statistical Modeling and Elements of Computing
 - Relevant Coursework: Intro to Probability & Statistics, Applied Statistics, Introduction to Programming, Elements of Software Design, Elements of Data Science, Scientific & Technical Computing
 - Activities & Organizations: Texas Convergent design lead, UT Microfarm field manager, Information and Systems Security Society, ACM, Mathematicians of Color 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

EXPERIENCE

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- H-E-B**, *Software Engineering Intern* May 2021 - July 2021
- Worked alongside the AWS SSO team to refine and automate CI/CD pipelines
 - Used Docker, AWS, and OneLogin to create a reusable front-end flask app auth-walled by SSO
- 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
- 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
- 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

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- Presidential Scholars Aug 2018

TECHNICAL SKILLS

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|---------------------|-------------------------------------------------------------|
| Software | Java, HTML, CSS/SASS, Javascript/Typescript, Python, R, SQL |
| Technologies | Git, React, Firebase, Flutter, AWS, Docker |