

Kaelen Saythongkham

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EDUCATION

University of Texas at Austin , Bachelor of Science in Mathematics	May 2022
<ul style="list-style-type: none">• Certificates in Applied Statistical Modeling and Elements of Computing• Coursework: Elements of Software Design, Elements of Data Science, Scientific & Technical Computing, Elements of Software Engineering I, Elements of Databases, Algorithms and Complexity (audit)• Activities: 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	

EXPERIENCE

Microsoft , <i>Software Engineer</i>	Aug 2022 - Present
<ul style="list-style-type: none">• AIOps Experiences team	
The University of Texas at Austin , <i>Student Technician</i>	Sept 2019 - May 2022
<ul style="list-style-type: none">• Maintained and built classroom technology, including computers and AV systems• Adapted to urgent technical problems and responded quickly and effectively	
PyNets , <i>Research Assistant</i>	Sept 2020 - Aug 2021
<ul style="list-style-type: none">• 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	
H-E-B , <i>Software Engineering Intern</i>	May 2021 - July 2021
<ul style="list-style-type: none">• Worked alongside the AWS SSO team to refine and automate CI/CD pipelines to reduce noise• Enhanced Python tooling to adjust pipeline output and match unit tests for SSO user output• Used Docker, AWS, and OneLogin to create a reusable front-end flask app auth-walled by SSO	

PROJECTS

Tweet-whiz , <i>Developer</i> React, Python	Jan 2021 - May 2021
<ul style="list-style-type: none">• Planned and developed webapp for generating and searching various twitter analytics	
TechSave , <i>Front End Developer</i> React, Flask	Jan 2021 - May 2021
<ul style="list-style-type: none">• Designed and created entire frontend that scans software bill of materials of medical devices and looks for vulnerabilities to notify user	
autoClips , <i>Front End Developer</i> React, Python	Aug 2020 - Dec 2020
<ul style="list-style-type: none">• Built and refined the frontend of a machine learning model to generate highlights of a sports game	

HONORS AND AWARDS

Presidential Scholars	Aug 2018
ChewyHacks 2nd Prize	Jan 2022

TECHNICAL SKILLS

Software	Java, HTML, CSS/SASS, Javascript/Typescript, Python, R, SQL, Shell, C#
Technologies	Git, React, Node.js, Firebase, Flask, AWS, Docker, Kubernetes, Jest