

# Kaelen Saythongkham

512-228-0045 | kaelensayth@gmail.com | github.com/kaelens

## 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

- 
- |                     |  |
|---------------------|--|
| <b>Software</b>     | Java, HTML, CSS/SASS, Javascript, Python, R, SQL |
| <b>Technologies</b> | Git, React, Firebase, Flutter                    |

# THE UNIVERSITY OF TEXAS AT AUSTIN

OFFICE OF THE REGISTRAR, MAIN BLDG. ROOM 1, AUSTIN, TX 78712-1157, (512) 475-7575

FICE CODE: 3658 IPEDS CODE: 228778 ATP CODE: 6882 ACT CODE: 4240

## FACSIMILE TRANSCRIPT

NAME: SAYTHONGKHAM, KAELEN PHETSOUVANH

STUDENT ID: XXX-XX-1925

DATE: 06/15/21

DOB: 06/08/00

PAGE: 1

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HIGH SCHOOL: HENDRICKSON HIGH SCHOOL  
PFLUGERVILLE TX

CLASS OF 2018

### COURSEWORK UNDERTAKEN AT THE UNIVERSITY OF TEXAS AT AUSTIN

#### FALL SEMESTER 2018 CREDIT BY EXAM

ECO	304L	INTRODUCTION TO MACROECONOMICS	3.0	CR
HIS	315L	THE UNITED STATES SINCE 1865	3.0	CR
RHE	306	RHETORIC AND WRITING	3.0	CR

#### FALL SEMESTER 2018 LIBERAL ARTS

ENS	207L	LONGHORN BAND	2.0	A
BIO	311C	INTRODUCTORY BIOLOGY I	3.0	B-
CH	301	PRINCIPLES OF CHEMISTRY I	3.0	B+
SDS	302	DATA ONLY FOR HEALTH SCIENCES	3.0	A
UGS	303	DISABILITY AND THE MEDIA	3.0	A

HRS UNDERTAKEN 14 HRS PASSED 14 GPA HRS 14 GR PTS 50.00 GPA 3.5714  
UNIVERSITY HONORS FALL SEMESTER 2018

#### SPRING SEMESTER 2019 CREDIT BY EXAM

GOV	310L	AMERICAN GOVERNMENT	3.0	CR
M	408C	DIFFERENTIAL AND INTEGRAL CALCULUS	4.0	CR

#### SPRING SEMESTER 2019 LIBERAL ARTS

PSY	301	INTRODUCTION TO PSYCHOLOGY	3.0	B+
CH	302	PRINCIPLES OF CHEMISTRY II	3.0	B
HDF	355R	PROBS CRS: RESEARCH PRACTICUM	3.0	A
M	408D	SEQ, SERIES, AND MULTIVAR CALC	4.0	B
M	340L	MATRICES AND MATRIX CALCULATIONS	3.0	B

HRS UNDERTAKEN 16 HRS PASSED 16 GPA HRS 16 GR PTS 51.99 GPA 3.2493

#### FALL SEMESTER 2019 LIBERAL ARTS

MUS	307	3-JAZZ APPRECIATION	3.0	A
E	314J	1-LITERATURE AND FILM	3.0	A-
GOV	312L	ISS & POLICIES IN AMER GOV-WB	3.0	B-
HIS	317L	8-INTRO TO NATIVE AM HISTORIES	3.0	A-
SDS	321	INTRO TO PROBABILITY & STATISTICS	3.0	B

HRS UNDERTAKEN 15 HRS PASSED 15 GPA HRS 15 GR PTS 51.03 GPA 3.4020

#### SPRING SEMESTER 2020 LIBERAL ARTS

AFR	303	INTRO TO BLACK STUDIES-WB	3.0	A
E	316M	AMERICAN LITERATURE	3.0	A
CH	204	INTRO TO CHEMICAL PRACTICE	2.0	A
C S	312	INTRODUCTION TO PROGRAMMING	3.0	A-
M	427J	DIFF EQNS WITH LINEAR ALGEBRA	4.0	A-

HRS UNDERTAKEN 15 HRS PASSED 15 GPA HRS 15 GR PTS 57.69 GPA 3.8460  
UNIVERSITY HONORS SPRING SEMESTER 2020

MORE WORK ON NEXT PAGE

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SUMMER SEMESTER 2020 LIBERAL ARTS  
M F325K DISCRETE MATHEMATICS-WB 3.0 B+  
M S328K INTRO TO NUMBER THEORY-WB 3.0 A  
M S358K APPLIED STATISTICS-WB 3.0 A-  
HRS UNDERTAKEN 9 HRS PASSED 9 GPA HRS 9 GR PTS 33.00 GPA 3.6666

FALL SEMESTER 2020 NATURAL SCIENCES  
RTF 329C DIGITL MEDIA PRODUCTION-WB 3.0 A  
E 349D DANTICAT AND DIAZ-WB 3.0 A-  
PSY 352 ABNORMAL PSYCHOLOGY-WB 3.0 A  
M 361K INTRO TO REAL ANALYSIS-WB 3.0 A  
M 378K INTRO TO MATHEMATCL STATS-WB 3.0 CR  
HRS UNDERTAKEN 15 HRS PASSED 15 GPA HRS 12 GR PTS 47.01 GPA 3.9175  
UNIVERSITY HONORS FALL SEMESTER 2020

SPRING SEMESTER 2021 NATURAL SCIENCES  
EDP 350L HUMAN SEXUALITY-WB 3.0 A  
NSC 325 INVENTORS PRGM CYBERSECURITY 3.0 A  
M 362M INTRO TO STOCHASTIC PROCESS-WB 3.0 B  
M 365C REAL ANALYSIS I-WB 3.0 CR  
SDS 332 STAT MOD FOR HLTH/BEHVR SCI-WB 3.0 A  
HRS UNDERTAKEN 15 HRS PASSED 15 GPA HRS 12 GR PTS 45.00 GPA 3.7500  
UNIVERSITY HONORS SPRING SEMESTER 2021

CUMULATIVE TOTALS EARNED AS AN UNDERGRADUATE STUDENT AT U.T. AUSTIN  
HRS UNDERTAKEN 115 HRS PASSED 115 GPA HRS 93 GR PTS 335.72 GPA 3.6098

\*\*\* E N D O F T R A N S C R I P T \*\*\*

### TSI STATUS INFORMATION

TSI AREA	TSI STATUS	EXPLANATION
ALL	EXEMPT	SAT/ACT/TAAS/TAKS

TEC 51.907 UNDERGRADUATE COURSE DROP COUNTER: 0

### CORE CURRICULUM SUMMARY

CORE CURRICULUM COMPLETE

THE UNIVERSITY OF TEXAS AT AUSTIN  
Office of the Registrar

**SEMESTERS, SESSIONS, AND TERMS:** An academic year consists of consecutive fall and spring semesters and the following summer session. A semester normally is about sixteen weeks long. The summer session comprises a first term (f) and a second term (s) each six weeks in duration; work also is offered on a nine-week basis (n) and a whole-session or twelve-week basis (w). The same academic credit is given for a course whether it is taken in the long session or the summer session.

**ACADEMIC CREDIT:** The unit of measure for academic credit is the semester hour. Most courses meet three hours a week in the long-session semester and have a credit value of three semester hours. The same courses meet for seven and one-half hours a week in a six-week summer term and have a credit value of three semester hours. For students enrolled in graduate programs, GPA hours and hours-passed reflect only those graduate-level courses (excluding thesis, dissertation, report, and treatise) and certain in-residence upper-division undergraduate courses taken while the student was enrolled in the Graduate School. Upper-division undergraduate courses taken in the fall of 1999 through the summer session of 2008 are not included.

**COURSE NUMBERING SYSTEM:** Courses are designated by a three-digit number or a three-digit number with a capital letter affixed. The first digit in the course number indicates the value of the course: 001-099 indicates zero credit value; 101-199 indicates one semester hour credit; 201-299 indicates two semester hours credit; 301-399 indicates three semester hours credit; and so on. The last two digits indicate the rank of the course: 01-19 indicates lower-division rank; 20-79 indicates upper-division rank; and 80-99 indicates graduate rank.

All courses in the School of Law and some courses in the College of Pharmacy are considered professional rank.

Two courses with the same abbreviation and the same last two digits may not both be counted for credit by a student unless the two digits are followed by a capital letter. Some courses may be repeated for credit. Those courses are indicated in the University's catalogs.

**PREFIXES AND SUFFIXES:** The suffix letters A, B, and X, Y, Z indicate that a part of the course was given. A suffix of A or B divides the course into two parts; X, Y, or Z divides the course into three parts. In each case, the semester-hour credit given for the course is reduced accordingly.

The prefix letters f, s, n, and w indicate the terms of the summer session (see above) in which the course was offered: f indicates first term; s indicates second term; n indicates nine-week session; and w indicates whole session.

For grading systems used prior to 1979, contact the Office of the Registrar.

GRADE		GRADE PTS PER SEM HR
	1979-1980 through 2004-2005	
A	EXCELLENT	4
B	ABOVE AVERAGE	3
C	AVERAGE	2
D	PASS	1
F	FAILURE	0
I	PERMANENT INCOMPLETE (effective fall 1997)	na <sup>1</sup>
X	TEMPORARY DELAY OF FINAL COURSE GRADE	na <sup>1</sup>
CR	CREDIT	na <sup>1</sup>
NC	NO CREDIT	na <sup>1</sup>
*	COURSE IS CONTINUING	na <sup>1</sup>
Q	OFFICIALLY DROPPED THE COURSE	na <sup>1</sup>
W	OFFICIALLY WITHDREW FROM THE UNIVERSITY	na <sup>1</sup>
#	COURSE GRADE NOT REPORTED BY FACULTY	na <sup>1</sup>
S	SATISFACTORY (DEV courses only)	na <sup>1</sup>
U	UNSATISFACTORY (DEV courses only)	na <sup>1</sup>
	2005-2006 to the present	
A	EXCELLENT <sup>3</sup>	4.00
A-		3.67
B+		3.33
B	ABOVE AVERAGE <sup>3</sup>	3.00
B-		2.67
C+		2.33
C	AVERAGE <sup>3</sup>	2.00
C-		1.67
D+		1.33
D		1.00
D-	PASS <sup>3</sup>	0.67
F	FAILURE <sup>3</sup>	0.00
I	PERMANENT INCOMPLETE	na <sup>1</sup>
X	TEMPORARY DELAY OF FINAL COURSE GRADE	na <sup>1</sup>
CR	CREDIT	na <sup>1</sup>
NC	NO CREDIT	na <sup>1</sup>
*	COURSE IS CONTINUING	na <sup>1</sup>

Q	OFFICIALLY DROPPED THE COURSE	na <sup>1</sup>
W	OFFICIALLY WITHDREW FROM THE UNIVERSITY	na <sup>1</sup>
#	COURSE GRADE NOT REPORTED BY FACULTY	na <sup>1</sup>
S	SATISFACTORY (DEV courses only)	na <sup>1</sup>
U	UNSATISFACTORY (DEV courses only)	na <sup>1</sup>

Through the summer session of 2009, plus and minus grades are reserved for graduate, graduate business, and law students enrolled in graduate-level, non-law courses. Beginning fall of 2009, plus and minus grades are valid for all students.

A course dropped by the twelfth class day of a long-session semester (fourth class day of a summer session term) is not entered on the permanent academic record.

Prior to fall 1981, NC grades did not appear on the transcript.

#### SCHOOL OF LAW

Prior to 1990-1991

1990-1991 - Present

The School of Law employed a numeric grading system with the following alpha equivalents:

85 - 100 = A
75 - 84 = B
65 - 74 = C
60 - 64 = D
BELOW 60 = F

Letter Grade	Grade Points Per Sem Hr. <sup>2</sup>
A +	4.3
A	4.0
A-	3.7
B +	3.3
B	3.0
B-	2.7
C +	2.3
C	2.0
D	1.7
F	1.3

1. na = not applicable to gpa calculation

2. Official grade point averages are not calculated for students in the School of Law.

3. Grade interpretation is applicable to undergraduate students.