

Andre Kurait

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EDUCATION

UNIVERSITY OF KANSAS

BS IN COMPUTER SCIENCE

BS IN MATHEMATICS

Exp. Grad. May 2021

University Honors Program

Cum. GPA: 3.98 / 4.00

SKILLS

PROGRAMMING

Proficient:

C++

Knowledgeable:

Python • \LaTeX • Javascript

Matlab

Familiar:

HTML • CSS • Javascript

Haskell

TECHNOLOGIES

Git • Linux • Jenkins

Jira • AWS • BitBucket

COURSEWORK

COMPUTER SCIENCE

* Machine Learning (Graduate Level)

* Data Structures

* Theory of Computing

* Software Engineering

Programming Paradigms

Embedded Systems

Object Oriented Programming

Digital Logic

MATHEMATICS

* Modern Algebra (Graduate Level)

Discrete Mathematics

Complex Analysis

Linear Algebra

Differential Equations

Calculus 3

* - Currently enrolled in courses

LINKS

Github: github.com/andrekurait

LinkedIn: [linkedin.com/in/andrekurait](https://www.linkedin.com/in/andrekurait)

Facebook: [fb.com/kurait.andre](https://www.facebook.com/kurait.andre)

PROFESSIONAL EXPERIENCE

BK TECHNOLOGIES - SOFTWARE ENGINEERING INTERN

Nov 2017 - Aug 2018 | Lawrence, KS

- Collaborated with a team of interns to design and implement a new Python automated testing framework.
- Ensured proper coverage of functional tests within testing scripts.
- Decreased time for firmware release testing from a month to a week.

UNIVERSITY DAILY KANSAN - ARTS & CULTURE CORRESPONDENT

Summer 2018 | Lawrence, KS

- Interviewed professionals involved in the Arts in Lawrence.
- Pitched and authored articles focused on technologies implemented within the Arts sector.

LEADERSHIP EXPERIENCE

ENGINEERING STUDENT COUNCIL

April 2018 - Present | VP of Campus Relations

- Planned and executed events and activities for the engineering student body.
- Integrated technologies such as MailChimp to streamline communication workflow between over 50 organizations.

January - March 2018 | EXPO Chief Volunteer Coordinator

- Oversaw and directed 500+ volunteers for engineering outreach to over 2500 elementary and middle-school students.

UNIVERSITY HONORS COLLEGE

Fall 2018 | Freshmen Seminar Assistant

- Engaged and mentored 11 Honors College Freshmen through group discussions and peer support.

RESEARCH EXPERIENCE

MATHEMATICS

Researcher under Prof. Mantzavinos | April 2018 – Present

- Enhanced methods of solving PDEs over the complex plane.
- Utilized \LaTeX to write clear and concise reports.

PROJECT EXPERIENCE

EVENTS ANYWHERE - SMS EVENT PLANNER

July 2018 | HackMidwest

- Created a service that allows users to quickly and easily plan events using nothing but a few texts utilizing Twilio and Python.
- Deployed and integrated the Amazon AWS Lightsail server and Python logic.
- Won Best use of Twilio.

KANSAS FISHING - AMAZON ALEXA FISHING ASSISTANT SKILL

April 2018 | HackKU

- Implemented scraping using Beautiful Soup within Python.
- Developed an Alexa skill hosted on AWS Lambda servers using Python with a team of 4 in 24 hours.
- Won 1st place for overall best project and best themed project.

AWARDS

2018	1 st /5000+	Campus-Wide First-Year Student of the Year
2017	1 st /15	Google Games @ KU
2017		Lisa Cox Memorial Award