

Engineering J. Hawk

LEADERSHIP EXPERIENCE

President, KU American Society of Mechanical Engineers

Oct. 20xx – Present

- ◆ Revitalized organization by increasing membership from 5 to 65 students by engaging them with new initiatives
- ◆ Created different Technical Division Committees (BioMechanical, Manufacturing, Advanced Energy) to provide students an opportunity to explore various industries

Chair, Student Environment Advisory Board

Jun. 20xx – May 20xx

- ◆ Developed policies and formulated strategies to enhance environmental programs by teaming up with students, staff, and faculty throughout campus
- ◆ Pushed for diversity and inclusion by including different environment activists from varying backgrounds
- ◆ Authored, advocated for, and passed the 'KU Green New Deal' Student Senate Resolution which endorsed US House Resolution 109 and called for the University Governance to be more proactive in implementing climate justice initiatives

Chair, Mechanical Engineering Student Advisory

Feb. 20xx – Present

- ◆ Work with student representatives to foster a competitive learning environment in the department and reduce academic misconduct
- ◆ Authored first 'Honor Code' in KU Mechanical Engineering Department

Senator, KU Student Senate

Jun. 20xx – Present

- ◆ Elected by peers to represent the School of Engineering
- ◆ Authored resolutions advocating for students' rights during COVID-19 Pandemic including extension of the Credit/No Credit option

DEI Representative, KU Executive Student Senate

Oct. 20xx – March 20xx

- ◆ Voted into Student Senate Executive Board to represent interests of the Diversity, Equity, and Inclusion Committee

Chair, Zeta Theta Tau, Professional Development

Dec. 20xx – May 20xx

- ◆ Organized events that prepare members for a professional setting by collaborating with different campus entities like the Career Center

Chair, Zeta Theta Tau, Recruitment & Retention

Dec. 20xx – May 20xx

- ◆ Recruited a record-breaking number of students for a spring semester

WORK & VOLUNTEER EXPERIENCE

Resident Assistant, KU Housing

Jan. 20xx – Present

- ◆ Led educational programs and paraprofessional counseling for 56 college students
- ◆ Distribute resources for students dealing with mental health issues and academic challenges

Midwest Regional Trainer, Sunrise Movement

Jul. 20xx – Present

- ◆ Lead trainings with more than 100 members to recruit community members to join the Climate Justice movement and how to combat climate fallacies

Community Organizer, LFK Freedgin Project

Jan. 20xx – Jan. 20xx

- ◆ Collaborated with other community organizers to build a city-wide mutual aid pantry project available in the Lawrence downtown area to all those who need to eat
- ◆ Boosted the motto of "Take what you need. Give what you can" to engage the community in the project
- ◆ Continuously advocated for and fundraised for more monetary and food donations to the pantry

Tutor, KU Academic Achievement and Access Center

Aug. 20xx – Apr. 20xx

- ◆ Tutored students in calculus and algebra by breaking down complex problems to individual learning levels

Scout Leader, Tunisian National Scouts

May 20xx – Jul. 20xx

- ◆ Spearheaded Cubs' section to implement summer camps for 55 Cubs between ages 6 and 12

SKILLS

Languages: Native Arabic, Native Tunisian Derja Arabic, Native English, and Elementary French

Programming: Most experienced with MatLab, some experience with R and Python

Modeling: Intermediate with SolidWorks, MSC Adams, and MSC Patran

EDUCATION

University of Kansas (GPA: 3.90)

- ◆ Mechanical Engineering B.Sc. (Expected May 20xx)

American School of Doha

- ◆ International School with over 60 different nationalities

AWARD & HONORS

Udall Scholarship Nominee (20xx)

- ◆ Recognizes students who demonstrate leadership, public service, and commitment to the environment

Harry Lindquist Award (20xx)

Awarded by Mechanical Engineering Department

- ◆ Recognizes those who made a positive impact through involvement inside and outside the classroom, the department, and the community

Honor Roll (20xx, 20xx, 20xx, & 20xx)

Awarded by School of Engineering

- ◆ Multiple semesters of Honor Roll

Tau Beta Pi (induced Mar. 20xx)

- ◆ Engineering honor society which inducts the top 10%

Patti Johnson Wilson Scholarship Recipient (20xx)

Awarded by the Patti Johnson Wilson Foundation

- ◆ Awarded to an undergraduate student who exceeds both in school and the workplace

Michael Shahan Scholarship (20xx)

Awarded by the Parent Teacher Association

- ◆ Recognizes two students for their community service, school involvement, and scholastic merit
- ◆ Focuses on the four core values of the school: Respect, Honesty, Responsibility and Compassion

President's Education Award (20xx)

- ◆ Recognizes high school students for their outstanding academic excellence

Most Outstanding Scout Award (20xx)

Awarded by the Tunisian National Scouts

- ◆ Awarded to one scout each summer camp who shows outstanding commitment to community service and the scout honor code

ACTIVISM EXPERIENCE

Organizer, Sunrise Movement

Dec. 20xx to Present

- ◆ Organized and promoted various climate rallies and strikes on the University campus and in front of Lawrence City Hall to demand climate justice action

Organizer, KCMoIntifada

Summer 20xx

- ◆ Promoted the Kansas City Free Palestine Protest and served as liaison to activists in the Lawrence, Kansas area

Author, AbolitionKU Petition

Summer 20xx

- ◆ Co-wrote petition with 7 other Social Justice organizers on campus to abolish the campus police department due to their systemic racism
- ◆ Collected more than 1,000 signatures in support of the petition

RESEARCH

Thermodynamics, Dr. Blake (May 20xx - Present)

- ◆ Research learning difficulties students encounter in Thermodynamics course and different pedagogical approaches taken by instructors
- ◆ Write a research paper highlighting a uniform approach of every thermodynamics problem
- ◆ Review more than 20 scholarly papers

Artificial Photosynthesis (Aug. 20xx - Present)

- ◆ Perform peer-reviewed research on artificial photosynthesis which turns carbon dioxide into reusable fuels like methanol

CoolProp, Dr. Blake (Aug. 20xx - May 20xx)

- ◆ Self-taught how to program with Python
- ◆ Assimilated in the use of CoolProp with Python to develop a MatLab program that analyzes different fluids for thermodynamic cycles
- ◆ Developed step-by-step tutorial for students to use CoolProp in thermodynamics homework

BioMaterials, Dr. Salinee (Aug. 20xx - Dec. 20xx)

- ◆ Self-taught R to work with given data to analyze connections in kinetic models
- ◆ Researched mechanical properties of thin films via molecular interactions

MISC. STUDENT ORGANIZATIONS

Member, KU Environmental Coalition

August 20xx to Present

- ◆ Helped found the coalition by connecting different environmentalist activists on campus together

Member, Jayhawk Liberation Front

October 20xx to Present

Organization that advocates for anti-imperialist and anti-racist policies on a local, national, and international level

- ◆ Participated in political discussions about different theories with other activists to further grow as an activist

Member, Zeta Theta Tau

December 20xx to Present

Professional engineering fraternity

Member, Muslim Student Association

August 20xx to Present

Organization that connects Muslim students to each other while advocating for Muslims on campus