**Kevin Le**  
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**SUMMARY/OBJECTIVES**

Honors college fellow majoring in chemical engineering with interests in sustainability, quality control, renewable energy, project management and data analysis. Passionate about new opportunities, innovations, leadership experiences, and service. Adept in C++, VBA, MatLab, Aspen, Microsoft Office, HomerPro, openLCA and confidence in communications.

**EDUCATION**

**University of Arkansas, College of Engineering**

*Honors Bachelor of Science in Chemical Engineering, expected May 2020*

Major: Chemical Engineering GPA: 3.83

**University of Newcastle—Australia, College of Engineering**

*Honors Bachelor of Science in Chemical Engineering, Spring 2019 (Exchange Program)*

**WORK EXPERIENCE**

**FEP Peer Mentor (College of Engineering)** *May 2017 — Present*

**∙** Facilitates weekly curriculum meeting with ten current freshman engineering students to promote their success

**∙** Acted as liaison between students and professors to communicate prevalent issues experienced in curriculum

**FEP Orientation Staff (College of Engineering)** *June 2017 — August 2017*

**∙** Administered 800+ first year engineering students with information about the U of A College of Engineering curriculum

**∙** Created appropriate academic schedules for 800+ new students according to their individual situation

**ENGINEERING PROJECTS/RESEARCH**

**HAZOP Analysis of Desulfurization System** *April 2019 — June 2019*

**∙** Constructed a mock HAZOP report for Australian Chemical Plant that contained: overall description of facility, ASPEN+ P&ID, methodology, guide words, plant overview, HAZOP table, flowsheet, recommendations, and summary

**Sustainable Engineering Practice Energy Systems** *March 2019 — May 2019*

**∙** Reported the optimal energy mix to power consumer loads within Scone, Australia while adhering to financial restriction, environmental cost, land resource restraints, social/political/cultural appropriateness, and emission penalties

**Nanoparticle Research “Differing Ionomer Effects on Oxygen Evolution Reactions”** *July 2018 — December 2018*

**∙** Manipulated the amount of ionomer to nanoparticle ratio to examine outcomes of OER

**∙** Examined different rotation speeds on rotating disk electrodes for changes to OER

**Honors Thermodynamic Project “COP vs. Temperature of a 2003 Honda Pilot”** *March 2018 — April 2018*

**∙** Formulated a hypothetical situation to calculate the relationship between temperature and coefficient of performance in

an AC system using HFC-134a as the refrigerant, deriving a linear relationship between ambient temperature and COP

**“An Alternative Method for Collecting Solar Energy and Employing it to Preserve Grain”** *October 2016 — May 2017*

**∙** Developed an energy pyramid that requires zero grid connection, targeting developing countries lacking energy

**∙** Engineered a way to only use heat from the sun to dry grain and other crops to counteract famine/starvation

**UNIVERSITY LEADERSHIP**

**Honors College Ambassador |** *Ambassador August 2016 — Present*

**∙** Promotes the U of A Honors College by volunteering in/planning events for students to increase campus engagement

**∙** Interacts with prospective Honors College students, answering any questions they may have about the college experience

**Beta Theta Pi |** *Community Service Chair January 2018 — January 2019*

**∙** Managed the service hours and involvement of 120+ members within the community, making sure expectations are met

**∙** Organized regular service opportunities with organizations in Fayetteville, AR such as Habitat for Humanity   
**∙** Leaded a committee for improving relations with local organizations by assisting groups in any way possible

**Beta Theta Pi |** *Beta Theta Pi 179th General Convention Leadership College Attendee August 2018*

**∙** Participated in a 4-day long leadership development track to learn how to counteract certain conflicts that are present today with fraternities including new member education, campus involvement, philanthropy, and community service

**Make A Difference Day Project Leader |** *Project Leader September 2017 — October 2017*

**∙** Cooperated with Beaver Watershed Alliance to plan event to remove invasive plant species along trails of Mt. Sequoyah

**∙** Supervised and educated group of 25 individuals to recognize invasive species to remove along Mt. Sequoyah

**AWARDS**

Honors College Fellowship & Arkansas Governor’s Distinguished Scholarship

2017 Honors Engineering Symposium Best Poster Design

2017-2018 ProjectPublication in A+ (University of Arkansas Honors College Alumni Magazine)

University of Arkansas Dean’s List (3.75 GPA+)— Fall 2016, Fall 2017, Spring 2018

University of Arkansas Chancellor’s List (4.0 GPA)— Fall 2016, Fall 2017, Fall 2019