Connor A. Albright

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**Education**

Kansas State University Expected Graduation: 05/2027

* Bachelor’s of Science in Chemical Engineering, GPA: 3.4
  + Relevant coursework: Chemical Analysis, Transport Phenomena, Thermodynamics I & II, Organic Chemistry, Physics 1 and 2, Calculus I,II,III, Differential Equations, Undergraduate Research
  + Upcoming coursework: Comp Tech II, Separations, Transport Phenomena II, Health / Safety in Chemical Engineering, Systems Design I & II

**Experience**

* Undergraduate researcher in AI and Chemical Engineering August 2025 – Current
  + Work with Dr. Pourkargar in developing a neural network model in TensorFlow to predict soil water content from geospatial datasets, applying physics-informed AI to improve prediction accuracy.
  + Attend the Great Plains Water Conference in Omaha to engage with industry professionals and expand knowledge in water sustainability, AI, and data science applications.

**Leadership**

* American Institute of Chemical Engineering Social Chair August 2024 – August 2025
  + Coordinate social events for the Chemical Engineering department socially, organized networking and community events for 80+ students, improving connections between underclassmen and department faculty.
* Kansas State Biodiesel club – Safety and Coordination officer
  + Coordinated biodiesel production logistics with 5+ campus partners (dining, recycling, transportation, art department).
  + Maintain safe and healthy practices for the club as well as provide safety equipment that is clean and up to standards. Enforced safety standards when handling methanol and sodium hydroxide to ensure zero incidents.

**Skills**

* Software: Aspen Plus, AutoCAD, Python, Java, C++, TensorFlow, R
* Technical: Process simulation, machine learning/AI, chemical safety, data analysis, process engineering
* Other: Microsoft Office (Excel, Word, PowerPoint), public speaking, budgeting
* Languages: English (native), Spanish (advanced)