**Tanner Burns**

(479) 806-0431 | 879 Lorena Lane, Fayetteville, AR 72701 | tcburns@uark.edu

# **EDUCATION**

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| --- | --- |
| **University of Arkansas, Fayetteville, AR** **Bachelor of Science in Chemical Engineering** Minors: Mathematics and Physics  Completed requirements for Departmental Honors  Cumulative GPA: 3.94 | Expected Graduation: December 2019 |

# **WORK EXPERIENCE**

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| --- | --- | --- | --- | --- |
| **Engineering Co-Op** Domtar, Inc., Ashdown, AR  Worked closely with experienced process engineers  Manipulated process data to contribute to projects  Developed more effective communication and presentation skills **Customer Service Specialist** USA Truck, Inc., Van Buren, AR  Utilized an integrated computer system to plan logistical operations  Provided effective customer service regarding shipments **RESEARCH EXPERIENCE**  |  |  |  | | --- | --- | --- | | **NSF Materials Science Research Experience for Undergraduates** Oklahoma State University, Stillwater, OK Utilized Raman spectroscopy to evaluate surface quality of Germanium  Investigated optical properties of brittle semiconductors **PROJECTS**  |  |  | | --- | --- | | **Heat Exchanger Proposal** Collected data from process book software  Suggested addition of a heat exchanger to capture wasted heat |  |  **Materials Science** Performed stress field analysis using a microscope with optical spectroscopic capabilities  Presented analysis of collected data | |  | |

# **SCHOLARSHIPS AND AWARDS**

* Tau Beta Pi Engineering Honor Society member
* Alpha Lambda Delta Honor Society member
* University of Arkansas Chancellor’s Community Scholarship
* Lowe’s Carl Buchan Scholarship

# **CAMPUS INVOLVEMENT**

* University of Arkansas Razorback Marching Band 2015-present
* American Institute of Chemical Engineers member 2015-present
* University of Arkansas Hog Wild Band 2015-2017
* Razorback Marching Band Bible Study 2015-present