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| Debayan Shom  M.S. Student  7712 Howard Street, Apartment 8, Omaha, NE – 68114 **|** 531-229-9014 **|** dshom2@huskers.unl.edu | | | | |
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| **Education**  University of Nebraska-Lincoln,  Omaha, NE | | M.S. in Architectural Engineering, Mechanical emphasis  GPA: 3.67 | | Expected Grad.: Dec, ’22 |
| Maulana Abul Kalam Azad University of Technology,  Kolkata, India | | B.Tech in Mechanical Engineering  GPA: 7.57 (10 – point scale) | | Graduated: Jun, ’16 |
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| **Relevant Employment History**  **University of Nebraska, Lincoln**  **University of Nebraska, Lincoln** | | **Graduate Teaching Assistant**   * Course: Engineering Statics * Teaching recitation classes, preparing homework and solutions, and grading students.   **Graduate Research Assistant**  Collaborated with UNMC, to measure ventilation rates and air distribution in different meat processing plants and simulation of scenarios to provide for a better work environment in Covid-19 situation. | | Sep, ’21 – Present  Apr,’21 – Aug, ’21 |
| **Software Experience**  *Mechanical Design, Modelling and Simulation* | | | *Other software and languages* | |
| * EES * DWG FastView * CAD/CAM | * AutoCAD * MATLAB | | |  |  | | --- | --- | | * R * Java * SQL * Excel | * C/C++ * COBOL * JCL | | |
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| **Relevant Coursework (Completed)**   * Indoor Air Quality Engineering * Building Control & Auto System * Applied Thermodynamics * Heat Transfer | | | * HVAC Fundamentals * Machine Learning and Data Mining * Fluid Mechanics * Machine Design | |