Dillon Kelley

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I am a hardworking and detail-oriented senior at the University of Mississippi majoring in Mechanical Engineering. I am looking for a challenging opportunity to grow my skills in engineering and computer science.

WORK EXPERIENCE

Undergraduate Research   **Spring 2021**
Research Assistant – Borg Warner and General Motors Research Project
Oxford, MS
- Aimed to investigate alternative plastics for transmission solenoids in GM vehicles
- Team's recommendation approved by GM based on the data collected and analyzed
- Trained and operated high speed film equipment and lighting (SHIMADZU HPV-2)
- Trained and operated Instron Dynatup 8250 Impact Machine
- Utilized Digital Image Correlation and Excel for investigation of material properties

Entergy Mississippi Inc.   **Spring 2020 & 2021**
Student Intern – Turbine Services   *Jackson, MS*
- Internship offer accepted, but the opportunity was cancelled due to the pandemic.
- Responsibilities would have included testing and integration of turbine components.

DoorDash   **May 2020 – Aug. 2020**
Driver
- Procurement, transportation, and delivery of items to clients in a safe and time efficient manner.
- Reviewing of orders before and after delivery to ensure order completion, correctness, and customer satisfaction.

Steak Escape   **May 2019 – Aug. 2019**
Front-End Customer Service   *Madison, MS*
- Provided excellent customer service by interacting with guests and fulfilling orders to the customers' satisfaction.
- Assembled and delivered guest orders in an accurate and timely matter.

EDUCATION

University of Mississippi   **2018 - 2022**
B.S. Mechanical Engineering with minor in Computer Science   *Oxford, MS*
- Mississippi Eminent Scholar & Bledsoe Scholarship.
- 13 hours to be completed during Fall 2021.
- Expected graduation in Spring 2022.

Holmes Community College   **2018**
Dual Enrollment   *Madison, MS*
- 6 hours completed Fall 2017.
- 9 hours completed Spring 2018.

SKILLS & INTERESTS

- **Skills:** Effective troubleshooter, self-starter, quick learner, strategic planner, effective communicator, detail oriented, Proficient in Engineering and Programming applications such as in Autodesk Fusion 360, Creo Parametric, Java, C++, Python, MATLAB, fundamental knowledge in web development, Proficient in Microsoft Suite, and Zoom.

- **Interests:** 3D Printing, 3D Modeling, model rocketry, Arduino, microcontrollers, hiking, camping, web development.