**CAYENNE PEPPER**

Lafayette, Louisiana | 337.482.1444 | cayenne.pepper1@louisiana.edu

**OBJECTIVE**

Seeking an entry level professional position as a Design Engineer.

**EDUCATION**

**University of Louisiana at Lafayette May 2027**

Bachelor of Science in Mechanical Engineering GPA: 3.6/4.0

* Relevant Courses: Statics, Thermodynamics, Mechanics of Materials, Fluid Mechanics

**CLASS PROJECTS**

**Mini-Baja Team Member:** Active member of a team which built a mini-baja vehicle for the 2010 SAE Mini-Baja West Competition. This project involves the design, fabrication, and testing of a competent off-road recreational vehicle that can successfully outperform competing schools. Was awarded sixth place overall in the competition out of 84 teams.

**Remote Controlled Vehicle:** Led a group of four persons in the mechanical design and construction of a device that would climb a ¼” rope at an angle of 30 degrees and retrieve a golf ball from a platform. Successfully had the vehicle that produced the greatest power by using a gear system and won the competition.

**EXPERIENCE**

**Student Worker October 2023 – Present**

*UL Lafayette Department of Engineering*

* Assist professors and staff with paperwork and other administrative duties
* Prepare engineering labs for both graduate and undergraduate research
* Communicate efficiently with students and other departments through answering phones and emails

**New Product Development Intern Engineer Summer 2023**

*Intralox, Inc, | Harahan, Louisiana*

* Assisted with the design of a computer-controlled conveyor with dynamic drive and brake
* Recommended product line improvements
* Performed product testing and wrote technical reports on product performance

**Shop Hand August 2022 - May 2023**

*Norman Offshore, Inc. | Lafayette, Louisiana*

* Cleaned and maintained equipment and fabrication parts to ensure clean work space
* Communicated with management and field support staff to ensure all teams members were up to date
* Received and accurately prepared shipments

**ACTIVITIES**

**Student Government Association |** *College of Engineering Senator* **August 2023 – Present**

**American Society of Mechanical Engineers |** *Vice President* **January 2023 – Present**

**Louisiana Engineering Society |** *Member* **August 2023 - Present**

**SKILLS**

AutoCAD, Solid Works, Mat lab, Gibbs CAM, Microsoft Windows XP