

Jared W. Marquis

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Education/Research

August 2010 – Present University of Louisiana at Monroe

Expected Date of Graduation: May 10, 2014

Major: Atmospheric Science, Minor: Computer Science

Current GPA: 3.62, Major GPA: 4.0, Minor GPA: 3.5

- 5 time ULM Dean's list honors.
- 1 time ULM President's list honors.

Experience

May – July 2013

CSU-CHILL REU,

Fort Collins, CO

CHILL Undergraduate Researcher

- Completed self-guided research with faculty mentor on radar data objective analysis.
- Presented research at Integrated Observing and Assimilation Systems for Atmosphere, Oceans, and Land Surface (IOAS-AOLS) symposium at 2014 AMS National Meeting.

July – August 2012

ImpactWeather Inc.,

Houston, TX

Forecast Intern

- Shadowed meteorologists in tropical, continental, and marine forecasting.
- Helped with forecasts and collaboration between different forecasting groups within the office.

January 2013 – Present University of Louisiana at Monroe,

Monroe, LA

Geosciences Lab Assistant

- Assisted with technical support in computing center and maintained computing resources.

August 2010 – May 2012 University of Louisiana at Monroe,

Monroe, LA

Emerging Scholar Researcher

- Studied connections between ENSO phase and tropical cyclogenesis.
- Performed case study on significant drought months in Texas and possible connections to ENSO phase.
- Presented at 2012 ULM Undergraduate Research Symposium

Skills

- Proficient in Java, Matlab, and Unix/Linux.
- Experience with NCAR Command Language (NCL), Python, and Visual Basic.
- Experience with compiling and running WRF-ARW including WPS.
- Proficient with Gibson Ridge Software Suite.
- Experience with installation and use of Integrated Data Viewer (IDV) and GEMPAK.
- Proficient with Microsoft Office Software Suite, Open Office, and Libre Office.

Leadership & Activities

- President of the ULM Chapter of the American Meteorological Society (Fall 2013-Present).
- Secretary of the ULM Chapter of the American Meteorological Society (Fall 2012-Spring 2013)
- Professor guided study on the modeling of 2007 Hurricane Humberto with a focus on the quick, near-land intensification (Fall 2012-Spring 2014).
 - Presented at 2014 Annual AMS Student Conference.

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References

Dr. Larry Hopper

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Dr. Gabriel Williams

Assistant Professor

College of Charleston

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Mr. Joseph Hardin

Graduate Research Assistant

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