

Radhika R. Josi

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OBJECTIVE Seeking a position as a Biomedical Engineer. Has knowledge of various techniques and instrumentation through research and good communication skills through teaching assistantship and tutoring.

EDUCATION **Bachelor of Science, Engineering (Biomedical Engineering)** GPA: 3.55 May 2015
Tulane University, New Orleans, LA

RELEVANT COURSEWORK

Anatomy: Performed Human cadaver dissections and learned about structure and function in the human body from an engineering standpoint

Quantitative Physiology: Studied the body using a systems approach and implementing mathematical models on it

Team Design: Worked in a team with 3 other people on designing a neck support that can also support a tracheostomy tube for pALS

EXPERIENCE **Research Assistant** January 2014 – present
Tulane University, New Orleans, LA

- Performed static and flow assays in order to study the effects of mediators released from tissue resident cells in the progression of Atherosclerosis utilizing various techniques
- Worked with a professor from the Department of Physiology at the Tulane Medical School in order to perform cell adhesion experiments

Teaching Assistant August 2013 – December 2013
Tulane University, New Orleans, LA

- Served as a Physics TA for a brand new Physics course geared towards Architecture students called “Physics for Architects”
- Performed both in-class and out-of-class TA job in order to aid students in seeing Physics from the perspective of an Architect

Tutor January 2013 – December 2013
Lusher Charter School, New Orleans, LA

- Served as a tutor for children ranging from elementary to high school
 - Tutored various subjects such as English, Math, and all basic sciences
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TECHNICAL SKILLS

Lab: Cell Culture • Hemocytometry • Static Assays • Flow Assays

Instruments: Centrifuge • Microscope

Computer: Matlab • Solidworks • Multisim

Languages: Gujarati (native) • Hindi (native) • French (Basic Knowledge)
Arabic (Basic Knowledge)

LEADERSHIP **IEEE, Vice Chair** October 2014 - present