

# Faculty Curriculum Vitae

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**NAME:** Shahryar Darayan,  
Electronics Engineering technology, hcc-northeast

**POSITION/TITLE:** Adjunct Professor

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## **EDUCATIONAL BACKGROUND/TRAINING**

PhD Electrical Engineering University of Houston, Houston, TX 1993

\* MS Electrical Engineering University of Houston, Houston, TX 1984

BS Geology University of Tabriz, Iran 1979

All undergraduate courses in Electrical Engineering were completed prior to start the graduate program at University of Houston.

## **RELEVANT TEACHING EXPERIENCE**

Texas Southern University, Professor, 2004-Present

Texas Southern University, Associate Professor, 1996-2004

Texas Southern University, Assistant Professor, 1993- 1996

University of Houston, Adjunct Professor, 1996-Present

Houston Community College System, Adjunct Professor, 1991-present

Texas Southern University, Adjunct Professor, 1988- Present

Simdex Institute, Instructor, 1988-1990

University of Houston, Research Assistant, 1983-1993

Texas Southern University, Coordinator of Electronics Engineering Tech., 1995-Present

Texas Southern University, Chairman of Engineering Technologies, 2000-2002

Texas Southern University, Coordinator of Biomedical Engineering Tech., 1993-1995

## **ACADEMIC SCHOLARSHIP/RESEARCH/CREATIVE ENDEAVORS**

### **Principal publications of the last five years:**

1. Shahryar Darayan, David Olowokere, and Xuemin Chen , “Utilizing Program Outcomes in the Modification of Engineering Technology Curriculum” ASCE National Conference, Honolulu, Hawaii, March 2010

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2. Chen, X., Darayan, S., Olowokere,d., and etc “Develop Virtual and Remotely Accessible Laboratory Frame for Undergraduates of Engineering Technologies” ASEE National Conference, Austin, Texas, June 2009.
3. Alagun, T., and Darayan, S., “Automated Control of Chicken Environment and Egg Production,” ASEE/GSW, March 2008.
4. Ntsame, E., Nnomadim, K., Darayan, S., “Automatic Swimming Pool/Gate System,” Submitted to ASEE/GSW 2007.
5. Alagun T., Afanou, D., and Darayan, S., “Automated Prototype Egg Conveyor and Separator,” ASEE/GSW, March 2006.
6. Darayan, S., “An Experimental Setup to Measure the Conductivity of a Solid or Liquid Sample Utilizing Muti-Frequency LCR Meter,” American Society for Engineering Education Annual Conference and Exposition, 2005.
7. An Experimental Setup to Measure the Conductivity of a Solid or Liquid Sample Utilizing Muti-Frequency LCR Meter, ASEE National Conference, 2005.
8. Alagun, T., and Darayan, S., “Fully Automated Prototype Chicken Farm” ASEE/GSW, March 2005.

### **Technical and Faculty Development Proposals (last five years):**

1. 2009-2010 NSF, “Development of Virtual and Remote Laboratory for Engineering Technology Undergraduate Students,”[\$149,749]
2. 2005-2006 Halliburton Foundation, “Curriculum Development: Capstone for Electrical Engineering-Real Life Work Experiences, Case Studies within Energy, Oil and Gas Industries, ” [\$10,000]