

IMS Researcher Profile

Institution: Missouri S&T

Name: Mohammed Rana Basheer

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Expertise: Stochastic Processes, Wireless Networks, Ad Hoc Networks,

Current Research Activities: Real time location service (RTLS) systems

Dissertation/Thesis Topics: Real Time Location Service Using Received Signal Strength Indicator

Project 1: Location-aware Smart Services

- Development of signal processing for improved localization
- Asset tracking using RTLS system
- Wireless sensor application

Skills: Electronic Hardware Development, Embedded programming, C/C++, ARM Assembly language programming

Previous Background:

- MS (2003) in Computer Engineering, University of Missouri-Rolla,
- 3.5 yrs as at Garmin International,
- 2 yrs at Hughes Software Systems
- 1 yr at Tata Consultancy Service

Awards

- Elevator Pitch Competition, MST, 2007
- Distinctive Excellence at Atmel AVR Design Contest - 2006