

Reem Banu

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Current Address

62 Logan Avenue
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Permanent Address

1507 Threadneedle St.
Bloomfield Hills, MI 48304

EDUCATION:

Michigan State University, East Lansing, MI
Bachelor of Science in Materials Science and Engineering
(Biomedical Engineering Option)
Date of Graduation – December 2009

AWARDS:

King Abdullah University of Science and Technology, Thuwal, Saudi Arabia
Discovery Scholarship for outstanding academics and active involvement for research in Biomedical Engineering.
Date of Award – September 2008

SKILLS:

Office Applications: Access, Excel, PowerPoint, Word
Other: C++, C, Python, HTML, MathCAD, Adobe Photoshop

WORK EXPERIENCE:

Sirocode Infosystems, Hyderabad, India

Technical Writer 10/2011 – 04/2013

- I got trained for two months on usage and behavior of software applications in mobility and enterprise world at Sirocode
- Collaborated with architects to create solution architecture documentation for various projects in mobility and enterprise applications for Sirocode
- Composed various project proposals on Android, iPhone mobility projects and enterprise projects
- Facilitated in creating Business Plans for different product based ideas like Application Creator and Android Mobile Application Creator
- Created High Level Design documents for SAP Business One Android mobile application and Abodes India Real Estate mobile application
- Prepared technical presentations using bar graphs, charts, metrics, block diagrams and flow charts to depict the statistics of a software application

Materials Science and Engineering Lab, Michigan State University, MI

Research Intern 02/2010 – 02/2011

- Provided feedbacks for the webpage development of Michigan State University-Energy Frontier Research Centers website
- Outlined objectives of the new requirements for the MSU-EFRC website
- Performed Modeling Studies using MathCAD to improve lattice thermal conductivity in Semiconductor materials
- Interpreted and Analyzed theoretical and experimental data generated using Excel and MathCAD, for use in the modeling Studies

Biomedical Engineering Lab, Michigan State University, MI

Lab Assistant 09/2007 – 09/2008

- Developed Osteoblasts under a strict protocol that required attention to detail, good time management and prompt problem solving skills

- Provided batches of Osteoblasts in a timely manner to the various research groups in the lab
- Processed and delivered compact and porous artificial bone samples for research studies

Accessibility Compliance Center and Education Support Services,

Oakland Community College, MI

Student Assistant 01/2006 – June 2006

- Organized student records
- Monitored exams for students with learning disabilities
- Facilitated general office duties

**LEADERSHIP
EXPERIENCE**

Engineering School, Michigan State University, MI

Mentor for High School Engineering week – Summer 2008

- Supervised and facilitated interactive lab workshop sessions for the high school students on the processing of artificial bone samples
- Organized and planned presentations for the Biomedical Engineering Department of MSU

ACTIVITIES

Society of Women Engineers Student Chapter, Biomedical Engineering Society Student Chapter, Materials Science and Engineering Society Student Chapter, Volunteer at local Food Drives