Mahendrakumar Ramamoorthy,

Plot No. 19, Veeraragawalu Nagar, Vinayagapuram,

Chennai, Tamilnadu-600099

India.

Contact No: 091-9962368686

Email: maherama89@gmail.com

03/29/2013

Hiring Manager,

Graduate Assistants Recruitment Committee,

Rochester Institute of Technology,

Rochester, New York 14623,

USA.

Dear Hiring Manager,

I am interested in applying for the graduate assistant positions in Rochester Institute of Technology.

I did my under-graduation in **Mechanical engineering** from Thiagarajar College of Engineering, **Anna University**, Chennai and secured first class with distinction with a cumulative grade point average (CGPA) of 8.87/10.

After my under-graduation, I worked for Tata Consultancy Services (TCS), India as a Systems Engineer for 32 months where I worked in domains including Platform Configuration for Web Based application, Product design and Program Management. I headed a team of eight Assistant System Engineers as a support group lead and played a key role in successful launch of a multi-tier web application currently used by a multinational telecom giant.

I believe my educational background and work experience qualifies me for the graduate assistant positions. Please find my resume attached for your reference.

I would welcome an interview and hope to hear from you at your earliest convenience.

Thanks & Regards,

Mahendrakumar Ramamoorthy

MAHENDRAKUMAR RAMAMOORTHY

⯁ Plot No 19, Veeraragawalu Nagar, Vinayagapuram, Chennai, Tamilnadu-600099, India

⯁ 0919962368685 ⯁ [maherama89@gmail.com](mailto:maherama89@gmail.com)

Objective

Seeking graduate assistant position at **Rochester Institute of Technology.**

Education

**Bachelor of Engineering** in **Mechanical**, Thiagarajar College of Engineering, India (Aug’06-May’10)

**First Class with Distinction**, CGPA-8.87/10

Coursework

Advanced Mathematics, Thermal Engineering, Machine Design, Operations Research, Control Systems,

Organizational Behavior & Management, System Integration Design and Industrial Automation.

Professional Experience

Tata Consultancy Services (TCS), India

Systems Engineer: (Aug’10-present)

* Instrumental member in resource allocating bands for Wireless communication systems for a big Multinational Client.
* Played a key role in formulating and solving the duality of associated system variable and provide an initial estimate for duality gap.
* Successfully configured a new platform for a multi-tier web application currently used by a global telecom service provider.
* Analyzed Key Performance Indicators and Cost of Poor Quality data to identify recurring trends and drive improvement actions to reduce internal and external failure costs.
* Leading a team of ten members as application support group lead and Engaged in Market Research for New Product Development.

Software Skills

AutoCAD, Pro/E, Solid works, MS Office, C, C++, Java, SQL, UNIX, Minitab and SAP Basics.

Teaching Experience

* Teaching Assistant to Dr.S.Karthikeyan at Thiagarajar College of Engineering, India. (Nov’09-Mar’10)
* Handled Junior’s Classroom Sessions for subject-Total Quality Management and collaborated in assignment and tutorial planning.
* Assisted in grading internal assessments of junior students.

Research Work and Projects

**B.E Final Year Project**: (Sep '09 - Mar '10)

* Title - Increasing Productivity in a Textile Industry by Process Optimization.
* Optimized the processes involved in yarn production using simulation models.

**Research Work:** (Aug '08 – May '09)

* Title - Effect of Thermal Barrier Coating on IC Engines.
* Applied the design of experiment principles, taguchi methods and multiple regressions in finalizing suitable alloy and coating parameters to increase thermal efficiency of a diesel engine.

Internships & In-Plant Trainings

#### Visteon Automotive Systems, Chennai:

* Introduction to flexible production line and Computer aided manufacturing process.
* Evaluated the Generative and Evaluative methods for decision making in implementation of flexible manufacturing systems.

#### Tvs Motors, Madurai: Observation Training & Practical Workshop on vehicle assembly and service.

#### Steel Authority of India (SAIL), Salem: Training in different types of forging and rolling processes.

Achievements

* Presented a paper titled, “Optimization of CO2 usage in CO2 Molding” in a National Level Symposium, held at Indian Institute of Technology (IIT), Roorkee, India.
* Attended a 2-day **National conference** on “Design, Manufacture and Management for Next Generation” at kongu Engineering College, Erode, India.
* Mechanical Engineering **Department Topper** in fifth Semester.
* As part of the TCS Project Team, Won a **“Best Transformation Project”** award given by British Telecom.
* Secured **School First rank** in X Std and **Fourth rank** in XII Std Board Examinations conducted by Govt. of Tamilnadu, India.

Extra-Curricular Activities

* Organized an Industrial Visit to Indian Space Research Organization (ISRO), Kerala and SNR motors, Chennai.
* Coordinator of class committee meeting and principal meeting.
* An Active National Cadet Corps (NCC) Cadet and Obtained ‘B’ Certificate from Indian Army.
* Undergone Training for a month in Army Attachment Camp.
* Overall in-charge for Art Events during Quest’09, an Interschool Cultural fiesta.
* Event Organizer for National Level Technical Symposiums Techutsav’08 & Techutsav’09.
* Member of the Institution of Engineers.

Personal Profile

Father's Name : Mr. S.Ramamoorthy

Date of Birth : April 10th, 1989

Sex : Male

Nationality : Indian

Languages known : English, Tamil and Telugu