

RITESH BANKA

Medicaid Systems,
#389, Phase -2, Industrial Area,
Chandigarh 160001. India.

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RESEARCH INTERESTS:

Software Engineering, Analysis of Algorithms and Embedded Systems.

EDUCATION:

BTech in Computer Science and Engineering,
Chitkara Institute of Engg. and Tech., Jhansla, India.
Aggregate percentage (8 semesters): 65 % (First Class).

August, 2003 - July, 2007

PUBLICATIONS:

- **Ritesh Banka**, Farshad Nourbakhsh, AG Ramakrishnan, “*Extraction of Handwritten and Signature regions from Binary Printed Documents*”, International Workshop on Combinatorial Image Analysis (**IWCIA-2008**), New York. Proceedings published in **Springer**.

WORK EXPERIENCE:

- **Software Engineer** August, 2008 - Till Date
Medicaid Systems, Chandigarh
 - Currently implementing algorithm for the Extraction and Segmentation of EMG signal.
 - Worked on a Project titled - *Attention Span System for kids*.
 - Development Environment - LabVIEW with Signal Processing and Database Toolkits.
- **Research Assistant** August, 2007 - July, 2008
Medical Intelligence and Language Engg. Lab
Indian Institute of Science(IISc.), India
 - Worked for a Research Project titled - *Online Handwriting Recognition for Indian Languages*.
Funded by Ministry of Information technology, India.
 - Worked for a Research Project titled - *Field Extraction from Document Images*.
Funded by First Indian Corporation(FIC), Bangalore, India.

INTERNSHIP:

- **Project Intern** August, 2006 - December, 2006
Medical Intelligence and Language Engg. Lab
Indian Institute of Science(IISc.), India
 - Undertaken BE Final Year Project - *Extraction of Handwritten and Signature regions from Binary Printed Documents*.

- **Project Intern**

June, 2005 - August, 2005

Medicaid Systems, Chandigarh

- Undertaken Sophomore Year Project - *Acquiring, Analyzing and Storing ECG Signal.*

SKILL SET:

- **Programing Language** - C/C++, VC++, JAVA, Familiar with C#.
- **Software and Utilities** - LabVIEW, SQL, Latex, Photoshop and other general softwares.
- **Platforms** - MacOS X, Linux, Windows.
- **LabVIEW Toolkits** - Digital Signal Processing, Database and Report Generation.

AWARDS AND ACHIEVEMENTS:

- Ranked **3rd** in the Inter School Chess Championship in 1999.
- Scored **2nd** position in Sports Quiz Contest in College in 2004.

EXTRACURRICULAR ACTIVITIES

- Member of College Cricket Team.
- One of the active Training and Placement Cell members at my college for the year 2007.
- Member of IEEE Computer Society.
- Attended Landmark Education programs - Landmark Forum and Advanced Course, 2007.

REFERENCES

- **Dr. A.G. Ramakrishnan**
Professor
Department of Electrical Engineering,
Indian Institute of Science, Bangalore.