

SABYASACHI MALLICK

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OBJECTIVE

To get a challenging and interesting position as an Electrical Engineer where my experience, technical background and problem-solving ability can be utilized.

EDUCATION

2001 to present	University of Arkansas	Fayetteville, Arkansas
<ul style="list-style-type: none">MS (Electrical Engineering) Graduation: May 2003 GPA: 3.5Relevant Courses: Introduction to Microwave Design Engineering, Advanced Microwave Design Engineering, Antennas and Wireless Propagation, Motion Control for Networks, Intro to IC Design, IC Design Lab I, Mixed Signal Modeling and Simulation, Analog IC.		
1993 to 1997	Assam Engineering College	Assam, India
<ul style="list-style-type: none">BS (Electrical Engineering)		GPA: 3.5

EXPERIENCE

January 2001 to present	University of Arkansas Dept. of Electrical Engineering H. Alan Mantooh, Ph.D., P.E.	Fayetteville, Arkansas
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RESEARCH ASSISTANT

- Designed analog continuous-time low-pass filters, Operational Transconductance Amplifiers (OTA) and laid them in SOI and MOI technology. Also designed high gain CMOS operational amplifiers and laid it in CMOS technology.

June 2002 to October 2002 (Internship)	Integral Wave Technologies	Fayetteville, Arkansas
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ELECTRICAL ENGINEER

- Was engaged in the design and simulation of advanced power conversion topologies for future generation high performance (10+ GHz) microprocessors for low voltage, high current and fast transient conditions. Also worked on the testing of thin-film components.

November 1999 to January 2001	HLM & sons Ltd.	Calcutta, India
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JUNIOR ELECTRICAL ENGINEER

- Looked after the maintenance of generators, furnaces, AC & DC motors, PLC driven Cold Rolling Mill and AC & DC drives.
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**April 1999 to
October 1999**

RCS Ltd.

Calcutta, India

CONSULTANT

- Designed, developed and integrated projects using Java, HTML and JavaScript.

**April 1998 to
March 1999**

Stone India Ltd.

Calcutta, India

GRADUATE ENGINEER TRAINEE

- Designed and tested alternators, rectifier-regulator, starter-generator and D.C motors.

COMPUTER SKILLS

- Operating Systems: DOS, Windows 2000, Windows NT and UNIX.
- Software: PSpice, Microwave Office, MATLAB, Saber, IC station, Cadence, Systemvision, Intellicad.
- Programming languages: VHDL-AMS, Java, JavaScript, HTML, Fortran and FoxPro.

HONORS

- Recipient of the Engineering Merit Scholarship three times during the BS program.

References are available upon request