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ANAND ARUMUGAM

OBJECTIVE

To obtain a challenging Internship position in Electrical Engineering.

EDUCATION

UNIVERSITY OF CENTRAL FLORIDA, Orlando, Florida
Master Program, Electrical Engineering, communication (3.667/4.0) **08/01-Present**

PSG COLLEGE OF TECHNOLOGY, Coimbatore, India
Bachelor of Engineering, Electronics and Communication (3.8/4.0) **08/97-04/01**

EXPERIENCE

Graduate Research Assistant. UCF, Department of Electrical Engineering **01/02-Present**

- Working on reconfigurable antenna for PCMCIA card in laptops.

Graduate Teaching Assistant. UCF, Department of Electrical Engineering **08/01-Present**

- Electronics II, Antennas I, Advanced Electromagnetics,
- Electric machinery

Summer Intern PENTASOFT TECHNOLOGIES, India. **04/00-06/00**

- Developed and launched online shopping mall using Active server pages.

Intern PRICOL, Electronics Department, India. **11/98-12/98**

- Work involved testing PCBs for car speedometers, detecting and rectifying faults

GRADUATE COURSES

- DSP fundamentals, CMOS IC design, Random processes I **Fall '01**
- Antennas II, Communication theory, Microwave circuits & devices **Spring '02**
- RF and Microwave communication **Summer '02**
- Communication system design **Fall '02**

LAB EXPERIENCE

- Digital electronics, Design lab I, II, Electronics I, II,
- Communications
- RF and Microwave communication

PROJECTS

- Design of a fuzzy traffic controller for traffic management in ATM using VHDL **06/00-04/01**
- Design and simulation of RF front end for Bluetooth transceiver (2.4GHz) using cadence spice. **08/01-12/01**
- Design and simulation of PIFA (Planar Inverted-F Antennas) at 900/1800MHZ band for mobile handsets **01/02-04/02**
- Fabrication of log periodic array antennas for wide band applications. **01/02-Present**
- Reconfigurable Antenna design for mobile communication **08/02-Present**

TECHNICAL SKILLS

Engineering tools: MATLAB 6.0, MATHCAD2000, PSPICE, CADENCE, IE3D, Advanced Design System (ADS), Numerical Electromagnetic Code (NEC), MULTISIM.

Language & Applications: Active server pages, Front page, Visual basic, Visual C++, C, C++, MS-office.

Operating systems: Windows NT, Windows 98, 00, XP, Unix.

Database: MS-access 2000, Foxpro.

AWARD RECEIVED

Awarded **BEST OUTGOING STUDENT** at Sri Sowdeswari vidyalaya, Coimbatore, India. 1997

EXPECTED GRADUATION August 2003