

ANDREW J. MALONE

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PROFESSIONAL OBJECTIVE

A position in process development with emphasis on process integration and device characterization.

BUSINESS EXPERIENCE

COMMODORE INTERNATIONAL - TECHNOLOGY DIVISION, Erie, PA.

- ☐ Senior Process Engineer (August 1984 - August 1985)
- ☐ Senior Design Implementation Engineer (December 1983 - July 1984)

Identified, analyzed and resolved process, device and yield problems during development of a CMOS process. Initiated and implemented process changes based on analysis. Characterized new circuit designs.

RCA - SOLID STATE DIVISION, Princeton, NJ

- ☐ Quality Assurance Engineer (January 1983 - November 1983)
- ☐ Product Engineer (September 1982 - November 1983)

Investigated, identified and resolved IC testing differences between RCA and major clients. Enhanced production yields.

RENSSELAER POLYTECHNIC INSTITUTE, Troy, NY

ELECTRICAL ENGINEERING DEPARTMENT

- ☐ Research Assistant (Summer 1981, January 1982 - August 1982)
- ☐ Teaching Assistant (January 1981 - August 1982)
- ☐ Senior Electrical Engineering Project (Spring 1981)

Analyzed the operation of microprocessor register cells using SPICE and circuit analysis techniques. Derived SPICE model for short-channel MOS devices.

Assisted in teaching responsibilities for circuits and electronics courses.

Organized and implemented the speech processing lab at Rensselaer.

Authored several FORTRAN programs for Prime 500 system.

EDUCATION

RENSSELAER POLYTECHNIC INSTITUTE

Master of Engineering, Electrical Engineering, August 1982

Concentration: Solid State Electronics

Bachelor of Science, Electrical Engineering, *Cum Laude*, May 1981

RPI Scholarship

3M Company Scholarship

Dean's List of Distinguished Students (all semesters)

Student Orientation Advisor

Senator, RPI elected student government representative

Class Council Representative

Junior Class Fundraising and Activities Chairman

Graduate Council Representative