
DSP ENGINEER RESUME

Objective:

Resourceful and dynamic DSP Engineer with 7+ year's professional experience in algorithm methods such as FFT, IIR, and FIR. A skilled team DSP Engineer with drive for excellence to satisfy organizational goals and objectives.

Education:

M.S. in Communication Engineering, 2003
New York University

B.S in Electronics and Communication Engineering, 1998
New York University

Skills:

- Working knowledge in algorithms and digital modulations
- Skilled in algorithm methods such as FFT, IIR, and FIR
- Solid skills in C/C++, OOD, and RTOS
- Experienced in Array processing, beam forming and direction finding
- Excellent leadership skills
- Professional skills in linear algebra and digital and analog designs

Professional Experience:

- Senior DSP Developer, 2007-present
- MODIS Consulting Agency, Chestertown, MD

Responsibilities:

- Implemented algorithms for succeeding batches of COMINT sensor systems.
- Designed and integrated testing of advanced signal and digital modulations.
- Prepared schematic reports on direction finding and beam forming.
- Implemented digital radio system components.
- DSP Engineer, 2005-2007
- Company XXX, Chestertown, MD

Responsibilities:

- Restructured pre-distortion algorithms for front end models.
- Performed signal processing filtering and signal conditioning in radio communications.
- Utilized C/CC++ in enforcing digital processing applications.
- Implemented DSP systems on embedded processors.
- DSP Engineer, 2003-2005
- IT CENTRAL, Chestertown, MD

Responsibilities:

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- DSP Engineer, 2005-2007
- Company XXX, Chestertown, MD

Certifications and Affiliations:

Chestertown Association of DSP Developers
Certified Application Developer

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