

Sample resume of Michigan PhD

Alice Applicant

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Objective

To innovate in audio signal processing research and applications.

Summary of qualifications

- Awarded a full fellowship from the University of Michigan-Ann Arbor to pursue the PhD in electrical engineering, majoring in digital signal processing
- Three years of industrial research experience
- Varied technical presentation experience (teaching, demos, papers, etc.)
- Highly motivated with a strong desire to share knowledge and to pursue technical subjects outside of the classroom and workplace

Education

1998-present University of Michigan Ann Arbor, MI

PhD / Electrical Engineering (Expected May 2002)

MSE / Electrical Engineering (December 1999)

- Major / Minor: Signal Processing / Communications
- Research: Genetic algorithm based tuning of digital hearing aids
- Relevant coursework includes: Time-frequency analysis, Wavelets, Source coding theory, Estimation and detection, Image processing, Fast algorithms

1993-1998 Milwaukee School of Engineering Milwaukee, WI

Double BS / Electrical Engineering and Computer Engineering (May 1998)

- Minor: Management Systems
- GPA: 3.95/4.00
- Honors include: Fred F. Loock Outstanding Student Award, Alumni Association Student Achievement Award, Newport Award of Excellence
- Relevant coursework includes: Optics, Fuzzy logic, TMS320C1x assembly, Fortran, C, C++, Intel 80x86 and Motorola 6800 and 68k assembly, Software engineering (OOD and SEI CMM), Database system design, Numerical methods

Work experience

1996-1998 Johnson Controls, Inc. Glendale, WI

- Responsibilities: Building climate modeling, interfacing emulation software to DAQ, softPLC evaluation and interfacing, presentations to management, TCP level service programming, Web development including GIS and database integration

1996-1998 Milwaukee School of Engineering Milwaukee, WI

Webmaster

- Responsibilities: Researching user needs, developer support, Unix programming, logical and aesthetic design, integration of new and legacy database systems

Professional memberships

IEEE (Institute of Electrical and Electronics Engineers, member since 1993)

- Presented MSOE senior design project at May 1997 Milwaukee Section Meeting

Extracurricular activities

Ingenium (MSOE student newspaper, member throughout undergraduate career)

- Business Manager and Webmaster

Volunteer experience

- At MSOE - Planned and presented four series of Webpage workshops, Freshman orientation assistant (1996 and 1997), Tutor for microprocessor systems