

FATEMEH AZMANDIAN

AREAS OF INTEREST:

Artificial Intelligence, Machine Learning, and Computer Engineering

CAMPUS ADDRESS:

225 Egan Research Center

Northeastern University

Boston, MA 02115

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EDUCATION:

- Master of Science: Northeastern University, Boston, MA
Major: Computer Engineering
Status: Pending
- Bachelor of Science: Sharif University of Technology, Iran, 2005
Major: Computer Software Engineering

EXPERIENCE:

Research Experience:

- Research Assistant for the Northeastern University Computer Architecture Research (NUCAR) group at Northeastern University (September 2005 – present)
- Research Assistant for the Digital Media Lab (DML) at the Advanced Information and Communication Technology Center (AICTC) of Sharif University, Tehran, Iran (May 2004 – February 2005)

Teaching Experience:

- Teaching Assistant for the ECE U401/U211: Introduction to Electrical Engineering Labs, Northeastern University, Boston, Massachusetts (Fall 2005 semester)
- Teaching Assistant for the CE 221: Scientific and Technical Presentation course, Sharif University of Technology, Tehran, Iran (Spring 2004 semester)

Industry Experience:

- Software Engineer, Padideh Fekr Company, Tehran, Iran (March 2004 - February 2005)

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SKILLS:

Computer Languages:

- Proficient in Java, C, C++, Pascal, and Verilog
- Familiar with Matlab, Prolog, SQL, and Assembly

Languages:

- Fluent in English and Persian
- Familiar with Spanish and Arabic

RESEARCH PROJECTS WORKED ON:

- Chart Checker Project for the Massachusetts General Hospital
- Study of various clustering techniques for Simpoint on the SPEC2000 CPU benchmarks
- Database Update System for the Center for Subsurface Sensing and Imaging Systems (CenSSIS)
- Content Creation in Electronic Learning Systems
- Study of Web Content Management Systems

COURSES TAKEN AT NORTHEASTERN UNIVERSITY:

- Fundamentals of Computer Engineering Grade: A
 - Analysis of Algorithms Grade: A
 - Computer Architecture Grade: A
 - Combinatorial Optimization Grade: A
 - Probability and Stochastic Processes Grade: A
 - Statistics for Bioinformatics Grade: A
- ⇒ Cumulative GPA: 4.0

REFERENCES:

Excellent references available upon request.