

Arijit Sengupta

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Objective

Seeking a leadership position involving research, development and consulting in the field of information systems, including project management, databases and Internet applications

Experience

- 8 years experience in instruction involving curriculum development, people and project management
- 8 years experience in application design using XML, SGML, .NET, J2EE, and OO Techniques
- 15 years experience in active software development (fluent in most current programming languages)
- 10 years experience Unix and Windows-based systems and networks administration
- Led development of 10 major, and numerous smaller software projects
- Published over 25 articles in scholarly and practitioner journals and conference proceedings
- Taught courses in programming languages, .NET, J2EE, Semantic Web, database and software engg.

Education

1997. MS and Ph.D. in Computer Science. Indiana University, Bloomington, Indiana.

1992. B.Tech., Computer Science and Engineering. Indian Institute of Technology, Kharagpur, India.

Work Experience

- *Aug 2001-present. Assistant Professor*, Indiana University, Information Systems, Kelley School of Business, Indiana University. Also Adjunct Assistant Professor, Department of Computer Science.
- *July 2001-Aug 2001. United Parcel Service*, Atlanta, GA. Instructional Consulting involving teaching of Java and Object-Oriented Design to corporate associates.
- *Aug 1999-July 2001. Assistant Professor*, Georgia State University, Department of Computer Information Systems, Atlanta, Georgia.
- *Aug 1997-June 1999 Director of Educational Development and Assistant Professor*. Indiana University, Bloomington. Aug 1997-June 1999.
- *May 1994-August 1994. Software Engineering Consultant*. Intelligent Micro Systems, Philadelphia, Pennsylvania. Designed components of Prodoc, a commercial software reverse engineering workbench.
- *Aug 1992-May 1996. Associate Instructor*. Indiana University, Bloomington.
- *May 1991-Aug 1991. Software Engineer/Intern*. Oil and Natural Gas Corporation, Dehradun, India.
- *May 1990-July 1990. Research Assistant*. Indian Statistical Institute (ISI), Calcutta, India.

Selected Projects

- Semantic Thumbnails (Jan 04-present): Document thumbnails for the semantic web, RDF/XML.
- TRACS (Jan 04-present): A automated scheduling model and system for conferences.
- Circle (July 03-present): A association rule mining classifier based on Boolean logic.
- CATPA (July 02-present): A gene browsing and searching mechanism for bioinformatics.
- XER (Aug 03-present): A conceptual model for XML.
- DocBase (Jan 96-present): A native database system for SGML and XML
- ADAM (Jan 00-present): An automated domain modeling system.
- ECAGE (Jan 00-May 01): An electronic commerce application generator.
- Fred (Jan 97-Jul 98): A database oriented case-based reasoner.
- KOSET (Aug 91-Jun 92): A CASE tool for OO Programming.

Selected Grants, Awards and Honors

- Microsoft .NET Peer-to-peer award, Microsoft .NET Curriculum Development Grant (Feb 2002)
- Sun Microsystems Solaris and Java Technologies Curriculum Grant February 2002.
- TERA (Teaching Excellence Recognition Award), March 1998.
- Research and Infrastructure Grant, National Science Foundation, 1996.
- National Talent Search Scholarship, Department of Education, India, 1986-92.

Residency Status: Permanent Resident of USA, Citizenship application in process.