Scott D. Gillan

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Computer Science / Software Engineering

Education

- **Bachelor of Science – Kansas State University**   Manhattan, KS
    2.993/4.0 major in Computer Science   May 2003
- **Masters of Computer Science – Kansas State University**   Manhattan, KS
    3.5/4.0   May 2005

Computer Expertise

- Languages: C/C++, Java, MATLab, MIPS, SML, Motorola Assembly, PIC Assembly, SQL
- Intelligent Agent design, Evolutionary Computing, Object Orientated Design, Formal Methods and Specification
- Real-Time Systems and Embedded Systems Design
- 2+ years of Industry experience

Experience

- **Instructor / Lecturer**   8/2004-Present
    CIS 208: C Language Lab

- **Graduate Research Assistant**   5/2004 – 8/2004
    Formalized Multi-Agent Optimization Model for eventual publication

- **Graduate Teaching Assistant**   8/2003-5/2004
    CIS 730: Introduction to Artificial Intelligence
    CIS 732: Machine Learning and Pattern Recognition
    CIS 736: Advanced Computer Graphics
    CIS 830: Advanced Topics in AI

- **KSU Telecommunication**   Manhattan, KS
    Software Engineer/Designer   5/2001-1/2002
    Design, Planning, Implementation, Testing, Training, and Maintenance
    Designed applications for the use of remote data retrieval and insertion into Oracle style databases
    Implemented in-house auto-Documentation
    Programmed secure remote access application

- **Course Work**
    Software Specification   Real Time Systems Design
    Artificial Intelligence   Embedded Systems
    Evolutionary Computing   Validation of Reactive Systems
    OS Practice   Compiler Design

Academic Interests

- Software Specification/Formal Methods
- Genetic Algorithms/Ant Colony Optimization
- Real time Systems design
- Evolvable Hardware