Zhen Li

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Education

Expected **May 2013**	**University of Georgia, Athens, GA** **Department of Computer Science** PhD in Computer Science
Graduated **Jun 2008**	**Fudan University, Shanghai China** **Software School** Bachelor of Engineering, Major: Software Engineering Major GPA: 3.6/4.0
Graduated **Jun 2008**	**University College of Dublin, Dublin Ireland** **Department of Computer Science and Informatics** Bachelor of Science, Major: Computer Science Rank: Overall First Rank Graduate

Recent Research

Web-based Glycomic Workflow (Founded by NIH)

- Designed and developed a web-based tool within J2EE Spring Framework
- Implemented concurrent mass data transmission/storage and real time analysis
- Troubleshot embedding existing tools and project deployment

Non-linear Approach to Solving TSP with Genetic Algorithm

- Created a new binary tree representation in genetic algorithm to solve TSP
- Implemented corresponding genotype-phenotype translation method
- Compared the non-linear approach with linear approach on various dimensions
- Proposed future work on using non-linear approaches with genetic algorithms

Modeling Usability Comparison and Effective Analysis

- Designing comparison study of UML diagrams in modeling concurrent system
- Studying information modeling with ORM
- Exploring modeling concurrency with ORM
- Exploring automatic domain knowledge modeling