

MATTHEW CRITCHLOW

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EDUCATION

- May 2006 **University of Illinois, Urbana-Champaign, IL**
Masters of Science (M.S.) in Computer Science
Awarded the ILLIAC Graduate Fellowship 2004
- May 2003 **University of Wales, Swansea, U.K.**
Bachelor of Science (BSc., first class honors) in Computer Science
Graduated ranked first out of class of 100
Sponsored by Milvus Software Ltd.
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EXPERIENCE

- Fall 2006 to Date **VMware Inc., Palo Alto, CA. *User Interface Engineer***
- Design, implement and maintain the user interface for a virtual infrastructure management application, as part of the User Interface Team
 - Responsible for bug fixing as well as ownership of application features from design through to coding in Visual Studio C# and testing
 - Lead discussions and brainstorming sessions on new user interface features. Document these feature ideas and collaborate with the Usability Team to turn them into specifications for inclusion in product release cycles
- Fall 2005 **University of Illinois, Urbana-Champaign, IL**
- Teaching Assistant for class cs225: C++, Data Structures and Software Principles. Weekly lecturing and grading duties
 - Member of the **Social Spaces Research Group**. Implementing an instant messaging application in Java that uses a visualization of social data as its interface
- Fall 2003 **De Bono Ltd., Guernsey, U.K. *Programmer/Analyst***
- Built and maintained dynamic websites (using Cold Fusion, SQL Server, Crystal Reports) for large financial institutions, as part of the web development team
 - Programmed database applications and held other database administration and client support duties
- Summer 2003 **University of Wales, Swansea, U.K.**
- Produced a dissertation with **Prof. John Tucker** on the algebraic theory of software interfaces
 - Implemented a *flattening* algorithm of my own design in Java, as part of this work
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ADDITIONAL

- Relevant computer skills: C, C++, C#, Java, Pascal, Visual Basic, Haskell, Prolog, Maude, Agda, SQL, ColdFusion, HTML, Crystal Reports, Visual Studio, L^AT_EX, Linux, Windows, SQL Server, Photoshop
- Summer 2002: Participated in the **BUNAC Work America** program, securing a position in San Diego
- Fall 1999: Enrollment in the Milvus Software Ltd Summer School marked the beginning of a 3 year university sponsorship contract
- Competitive surfer since the age of 14, have traveled and surfed in 15 different countries to date