

**Sachin K Patel**  
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## EDUCATION

**Oxford University** **Oxford, England, UK**  
Masters of Science in Bioinformatics **December 2006**

**Augusta State University** **Augusta, GA, USA**  
Bachelor of Science in Computer Science. **December 2002**  
Bachelor of Science in Mathematics. **December 2002**  
Cumulative GPA: 3.20 (UK 2:1 equivalent)  
**Research study:** Numerical solution of nonlinear Partial Differential Equations arising in Biological Modeling.

**Orpington Community College** **Kent, UK**  
A-Levels in Mathematics, Graphical Communication and Sports Studies **June 1999**

**Hurstmere School for Boys, Grant Maintained** **Kent, UK**  
9 GCSE's in Mathematics, English, Double Science, Graphical Comm, **June 1997**  
Geography, French, Physical Education and Religious Education.

## RELATED EXPERIENCE

**Director of Systems Architecture** **Jan 2012 - Present**  
**Faculty Research Instructor**

Medical University of South Carolina

Data management and software programming to process, store, retrieve and integrate data. Work with several NIH funded clinical studies in the development and management of relational data sets involving mHealth technology applications.

**Database Administrator Architect** **March 2009 – Jan 2012**

Rhodes Financial Services – www.taxslayer.com

Design, implement and administer on a multi-million user online software program that delivers tax solutions in the USA.

**Bioinformatics DBA** **January 2005 – December 08**

Medical College of Georgia (MCG), Biotechnology and Genomic Medicine.

Senior software engineer for department where administration, design and implementation of software needs are primary responsibilities. Build universal database and web portals for accessing any relational DBMS. Work in a team of Bioinformatics researchers to model and program software to provide state-of-the-art facilities for microarray analysis, proteomics and computational technologies.

**Research Statistical Data Manager** **July 2003 - December 2004**  
Medical College of Georgia (MCG), Georgia Prevention Institute (GPI).

Database Administrator for NIH funded grants in GPI to develop software to manage research data and build software portals to statistically analyze collected data. Design, implement and support systems to communicate with public domain databases. Act as a support personal for networking and hardware support within the department.

**Software Engineer**

**July 2002 – April 2003**

Ice Automation Group, Augusta, Georgia.

Develop software applications in a variety of languages: C++, VB, Java, and SQL. Ability to handle multiple tasks and adapt to multiple environments; implementing complex systems and network management applications. In addition, became highly proficient in .NET arena and began to get professional certification on MCDBA.

**Freelance Computer Consultant**

**June 2001 – Present**

Create and customize systems for clients in the Hotel/ Motel industry, such as Best Western, Holiday Inn, Days Inn and Howard Johnson.

**Lab Attendant**

**January 2000-December 2003**

Centre for Academic Computing, Augusta State University.

Maintain computer software and assist users with programming assignments  
Helped users with Windows NT and Unix operating systems.

**Database Administrator**

**August 1996- 2000**

Costcutter Inc, London, UK

Comprehensively designed, implemented and maintained an application to adhere to a customer database that prepared correspondence, reported and updated a newspaper delivery system for a chain of stores.

**GENERAL EXPERIENCE**

**Motel Manager**

**January 2000 – 2012**

**UEFA professional soccer coach.**

**August 1998 – Present**

**ECB & MCC professional coach in cricket**

**August 1997 – 2000**

**COMPUTER SKILLS**

**Languages** C, C++, C#, .NET, Java, Java Script, Perl, VB, SQL, PL/SQL, Transact-SQL, OpenGL, Tcl/TK, Assembly, Unix Shell, HTML, CAD.

**Analytical** Maple, Mathematica, GenePix, S-Plus, R, CAS.

**CERTIFICATION**

**Microsoft** MCDBA (*Microsoft Certified Database Administrator*) track.

**Oracle** DBA, 9i SQL certification, exam 1ZO-007

**August 2002**

### **LANGUAGES**

Able to fluently speak, read and write in English and Gujrati, and able to speak French and Hindi.

### **ACTIVITIES**

Student representative at Oxford University for the MSc in Bioinformatics program.

Part of winning programming team at Augusta State University.

Active member of Mathematics & Computer Science clubs at Augusta State University.

Played soccer and cricket for school, college and county.

### **SKILLS**

Excellent customer service and management skills.

Proven ability to adapt to unforeseen technical difficulties.

Able to work effectively on teams.