

# Chris Molanus



## Personal

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Last name : Molanus  
First name : Chris A.  
Address : Aletta Jacobsplein 4  
Postcode : 5612 WB  
City : Eindhoven  
Phone number : +31 0 624528415  
D. O. B. : 20 November 1997  
Marital status : Un-Married  
Nationality : Dutch  
Place of birth : Saint Maarten

## Education

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### **High school**

1992 - 1996 Milton Peters College , Saint Maarten  
*LTS Electrical engineering*

1996 - 2000 Milton Peters College , Saint Maarten  
*MTS Electrical engineering*

### **College**

2000 - 2004 Fontys Hoger Scholen, Eindhoven  
*Bachelors: Information Technology*

- Major in: Software engineering
- Final project: Design and implementation of a tool which uses natural language statements to design relational databases.

### **University / Post graduate**

2004 - 2008 Technical University of Eindhoven  
*Masters: Business Information Systems*

- Graduated in : System Architecture and Networking
- Thesis project: Implementations of a service sharing architecture for IP multimedia subsystem networks. IP multimedia subsystem a next generation telecommunications combinatory network. I am also a co-author of a paper on **the subject** : I. Radovanović, J. Lukkien, S. Chen, C. Molanus, "Virtual community management for enabling P2P services in the IMS network", The second conference on Internet Multimedia Systems Architecture and Applications 2008

## Experience

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- 8/1999 – 11/1999 Internship by East Caribbean Cellular  
Function: • Technician, Telecommunication engineer
- 11/1999 – 2/2000 Internship by G Tronics  
Function: • Technician, Network installation
- 3/2000 – 6/2000 A<sup>2</sup> Networks  
Function: • Technician, Network installation
- 11/2002 – 2/2003 CountIT  
Function: • Web Designer, Software engineer
- 7/2003 – 1/2004 Internship by Smitcoms inc.  
Function: • Project leader, Software engineer. *I designed and implemented a trouble ticketing system which also supported error logging and long distance carrier selection. The application used SNMP and a host of other protocols to interface with almost all of the companies systems to have a central point for logging errors and posting trouble tickets.*
- Technician, Network engineer. *I assisted in setting up a wired/wireless WAN with three substations and spanned more then 24 kilometers in diameter. I was also one of the team members which integrated the companies PSTN network with their VOIP network.*
- 1/2004 – Now Freelance software engineer  
Function: • Project leader of a group of four programmers. *We designed and implemented applications such as point of sale software, small ERP systems and web shops. Mainly small applications from 200 to 1800 lines of code. I occasionally did freelance work for Smitcoms inc. primarily as a network engineer. There I have gained experience in working on Nortel switches and Cisco VOIP equipment.*
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## Languages

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	<i>Written</i>	<i>Verbal</i>
English	Good	Very Good
Dutch	Average	Average

## IT experience

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- Network
  - UTP/STP installation
  - Fiber optic cable installation
  - WAN : design, installation and testing
  - IP Multimedia Subsystems service development
  - Basic router configuration. Primarily Cisco and Nortel equipment.
- Systems administrator
  - Linux
  - Windows NT
  - Windows Server 2003
- Web design
  - HTML,
  - PHP,
  - ASP,
  - JavaScript
  - AJAX
- Databases
  - Microsoft SQL Server configuration
  - MySQL server configuration
  - XML database design
  - Database bench testing
  - Complex SQL queries
  - Query languages : SQERL, XQuery, SQL , PLSQL
- Programming
  - C / C++
  - C#
  - Java
  - Pascal / Delphi
  - Visual Basic
  - Promela

## Hobby's en interests

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- Computer Technology
- Web designing
- Electronics
- Robotics