

SUPRIYO CHATTERJEA

Matenweg 12 - 208, 7522LG Enschede,
The Netherlands

E-mail: supriyo@cs.utwente.nl

Contact No: +31 53 489 2477 (O), +31 53 489 5244 (H)

EDUCATION:

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| March 2003 to present | <p>Pursuing a PhD at the Dept. of Computer Science, University of Twente, The Netherlands</p> <ul style="list-style-type: none"> ▪ Research project deals with the distributed data management aspects of wireless sensor networks ▪ Working under the supervision of Prof. Thijs Krol and Dr. Paul Havinga ▪ Expected date of completion: March 2007 |
| October 2002 | <p>Graduated from King's College London with an MSc in Computing and Internet Systems.</p> <ul style="list-style-type: none"> ▪ Obtained a Distinction. ▪ Awarded the prize for the Best MSc Project across all MSc degree programmes in the Department of Computer Science at King's College London for the year 2001/2002. |
| June 2001 | <p>Graduated from Nanyang Technological University (Singapore) with a Bachelor of Electrical and Electronic Engineering Degree (Honours) with a specialisation in Computer Engineering.</p> |
| December 1994 | <p>Passed GCE 'A' Levels from Catholic Junior College (Singapore). Obtained distinctions in General Paper and Mathematics C.</p> |
| December 1992 | <p>Passed GCE 'O' Levels from Anderson Secondary School (Singapore). Obtained distinctions in English, Elementary Mathematics, Additional Mathematics, Chemistry and History.</p> |

WORK EXPERIENCE:

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| June 2002 to September 2002 | <p>Worked as a student intern at IBM Zürich Research Laboratory, Switzerland</p> <ul style="list-style-type: none"> ▪ Worked on MSc project that dealt with web services, service discovery and service description on wireless ad-hoc networks. |
| July 2001 to August 2001 | <p>Worked as a Project Officer at the Network Technology Research Centre, Nanyang Technological University, Singapore. Was involved in projects that dealt with using Bluetooth communication on devices running on the Linux/embedded Linux platforms.</p> |
| January 1995 to July 1997 | <p>National Service: Served the Singapore Armed Forces as a computer programmer. Job scope included creating multimedia computer simulations and courseware for training and maintaining a network running on Novell Netware.</p> |

PROJECTS:

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| June 2002 to September 2002 | <p><u>MSc Project:</u></p> <ul style="list-style-type: none"> ▪ Project was entitled "Implementation of the DEAPspace Service Discovery Protocol as a Linux Daemon". ▪ Combined the mechanism of the DEAPspace service discovery |
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- protocol together with web services.
 - Adapted the standard centralised web service model (based on WSDL, SOAP, UDDI) to a distributed model that is better suited to mobile ad-hoc networks.
 - Obtained a Distinction.
 - Received the Best MSc Project award.
- July 2000 to
March 2001
- Final Year Project:
- Investigated the feasibility of using embedded Linux on handheld devices.
 - Project selected for EEE Week Exhibition 2001 that features the top projects of the School of Electrical and Electronic Engineering.
 - Project sponsored by Motorola Electronics Pte. Ltd. as they were pleased with my performance during my internship with them.
 - Knowledge / Experience gained:
 - gained valuable knowledge about future trends of PDA and wireless computing industry
 - learnt about the functionality of the Linux kernel and its applications in the embedded computing industry
 - gained experience of project planning and working in a team
 - demonstrated ability to learn things from scratch and produce results within a short span of time
 - Attained Grade A.
- January 2000 to
June 2000
- Industrial Attachment:
- Industrial attachment at Motorola Electronics Pte. Ltd.
 - Involved in creating simulations of cellular phone products to enable usability tests to be conducted on products that were still in the design stage.
 - Was asked by Motorola Electronics Pte. Ltd. to continue with them for Final Year Project due to good performance during Industrial Attachment.
 - Attained Grade A.
- May 1999 to
July 1999
- In-House Practical Training:
- Involved in creation of a web-based course for the Digital Electronics module taught in the 2nd year of the Electrical and Electronic Engineering B.Eng course at NTU.
 - Selected by project supervisor to be the Project Manager.
 - Directly responsible for the management of 19 other students in the project.
 - Designed project such that it could be executed in a modular fashion to enable easier distribution of work.
 - Introduced standards to ensure that project was executed in an orderly manner and yet allowed students to experiment with their creativity. This allowed project objectives to be met while guaranteeing student satisfaction.
 - Gained valuable experience in project management and learnt human interaction skills.
 - Attained Grade A.
- December 1998 to
December 1999
- Research Assistant for Division of Geography, School of Arts, NIE, NTU:
- Created a unique system using a combination of the Internet and a CD-ROM to form a hybrid web-based learning system for the Geography Dept., School of Arts, National Institute of Education (NIE), NTU
 - System has already been used by more than 80 practising teachers during in-service training over the past two years.
 - Project was chosen as a showcase for the Web-based Teacher Education programme at the Learning Metropolis and Learning Festival Exhibitions in 2000.

- September 1996 to May 1997 Creation of Computerised Simulation system for Training (National Service):
- Created a computer simulation program of an automated bridge launching system that helped to train soldiers.
 - Program won awards at the following competitions:
 - Gold Award, National Quality Control Convention 1997, PSB
 - Gold Award, Engineer Formation PRIDE day 1997
 - Gold Award, School of Combat Engineers PRIDE day 1997

AWARDS:

- October 2002 Best MSc Project, Department of Computer Science, King's College London, UK
- February 1997 Best Soldier of the Unit, School of Combat Engineers, Singapore
- March 1997 Gold Award at National Quality Control Convention (Project involved a computerised simulation software made for training.)

TALKS / PRESENTATIONS

- September 2002 "Implementation of the DEAPspace Service Discovery Protocol as a Linux Daemon" – IBM Zürich Research Laboratory, Switzerland
- September 2002 "Implementation of the DEAPspace Service Discovery Protocol as a Linux Daemon" – Department of Computer Science, University of Twente, The Netherlands

COMPUTER SKILLS:

Languages: C, Java, C++, XML, XPath, WSDL, SOAP, HTML, Visual Basic, Javascript, Pascal
 Multimedia applications: Macromedia Authorware, Dreamweaver, Flash, Adobe Premiere, Photoshop
 Others: Linux/Unix, Windows 95/98/2000, Novell NetWare

EXTRA-CURRICULAR ACTIVITIES:

- Organ – Yamaha Electone (Grade 5)
 Tabla – Indian percussion instrument (Year 4)
 Sitar – Indian string instrument (Year 1)
- Secondary School Photography (Vice Chairman), Swimming, Drama (Performed in School drama)
- Junior College Debating (English)
- University NTU String Ensemble (Violin)

LANGUAGES SPOKEN:

Fluent: English, Bengali (Mother Tongue), Malay
 German

INTERESTS:

Playing the organ, synthesizer and tabla, multimedia and Internet programming, still/video photography, digital video editing, drama,

PERSONAL:

Nationality: Singaporean
 Age: 26
 Birth Date: 15th March 1976

REFERENCES:

1. Dr. Ralf Klasing
Project MASCOTTE
INRIA
2004 Route des Lucioles
BP 93
F – 06902 Sophia Antipolis
FRANCE
Email: ralf.klasing@sophia.inria.fr
Contact No: +33 (0)4 9238 7880

2. Dr. Dirk Husemann
IBM Zurich Research Laboratory
Saumerstrasse 4 / Postfach
CH-8803, Ruschlikon, Switzerland
Email: hud@zurich.ibm.com
Contact No: +41 1 724 8573

3. Associate Professor Chan Kap Luk
Division of Information Engineering, School of Electrical and
Electronic Engineering, Nanyang Technological University
Block S1, Nanyang Avenue, Singapore 639 798
Email: eklchan@ntu.edu.sg
Contact No: +65 6790 4514