Natalia Galin

Nationality:	Australian	**Address:**	6/51 Forsyth Street, Kingsford
			2032 Sydney, Australia
Date of Birth:	9 January 1983	**Contact Details:**	Home +61 (2) 96697 0953
			Mobile +61 (423) 275 481
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Education

Jul 2000 – Current University of New South Wales, Sydney, NSW

- Currently in my 4th year of an Electrical Engineering degree
- From 2000 – 2005 I hold a Coop scholarship for Electrical Engineering
- WAM (Weighted Average Mark / 100) is: 81.25

Jan 1998 – Jan 2000 St.George Girls' High School, Sydney, NSW

- Completed the HSC with a UAI of 99.50

Certificates/ Other Training

- Agere Systems Australia, Undergraduate Award for Excellence in Microelectronics Design and Telecommunications Engineering, 2005
- 2nd place in the Altera NIOS II Soft-core processor competition, 2005
- Jaycar scholarship for Physics, 2000
- CCNA – Cisco Certified Network Associate, 2001
- Laboratory demonstrator for ELEC2041 – Microprocessor and Interfacing
- Familiarity with the following programming languages:
    - C/C++
    - Perl
- Familiarity with the following hardware languages:
    - VHDL
- Familiarity with the following engineering programs:
    - PSPICE
    - Matlab
    - Maple
    - FGPA Advantage
    - ModelSim
- Familiarity with the following embedded processors:
    - Renesas MC16 family
    - ARM based processors

Work Experience

Nov 2004 – Feb 2005 Summer Research Program @ UNSW

Topic: Hardware Implementation of Discrete Wavelet Transform for JPEG2000

- Algorithm to hardware implementation considerations:
    - Wavelet transform algorithm analysis for fixed point implementation
    - Hardware design for minimum area and maximum speed
    - Software simulation and verification
    - VHDL implementation and simulation

Dec 2003 - Jun 2004 Cochlear Ltd Student Work Experience

I.T. 3: Cochlear Ltd

Department: Design and Development – Embedded Systems Division

- Serial communication programming for Windows
- Writing verification software
- Designing and constructing a power indicator device
- Verification testing of prototype device, involving:
    - ESD testing
    - EMC testing at 3rd party site compliant with relevant IEC standard
    - Troubleshooting prototype circuitry
    - Designing and constructing a breakout box for detailed testing of the electrical reliability of data transfer of the device

I.T. 2: Telstra Country Wide
Department: Complaints Management

- Performed statistical analysis of data using Microsoft Access in order to determine any trends in complaints which would be used to determine their source and cause
- Automating the data analysis

I.T.1: Dimension Data
Department: I.T. Support

- Helped to set up and configure network equipment (routers and switches) for an experimental laboratory
- Received the CCNA certificate

Personal Information

In my spare time I enjoy hobby electronics, scuba diving, playing my guitar and dancing.

I view myself as adaptable, friendly, cheerful, hardworking, efficient and reliable.

References

Lawrence Chan (Cochlear Ltd.)

Saeid Nooshabadi (University of New South Wales)

Details will be given upon request.