

Ross Dakin

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OBJECTIVE A computer engineering position in the San Francisco Bay area.

EDUCATION **Santa Clara University**, Santa Clara, CA 2003 – Present
Bachelor of Science in Computer Engineering

- Expected date of graduation: June, 2007

Queensland University of Technology, Brisbane, Australia Fall Semester, 2005
Studies Abroad Program via Santa Clara University

- Studied IT courses full time while immersed in an exotic culture.

COMPUTING SKILLS **Compiled Languages:** C, C++, Java, x86 Intel Assembly.
Databases: Relational, transactional database design (MySQL 5, SQL Server 2000).
Hardware: Experienced in electric circuit design and FPGA programming.
Web Development: IIS and Apache web servers, PHP, CSS, JavaScript, XML/AJAX.

TECHNICAL EXPERIENCE **EDO Reconnaissance and Surveillance Systems**, Morgan Hill, CA Summer 2006
Software Intern

- Modified HMI of a RADAR detection product using X/Motif on Sun Solaris 9.
- Implemented a web-based RFID inventory management system using PHP and MySQL to track the location and calibration of thousands of test equipment units.

Santa Clara University, Santa Clara, CA 2004 – Present
Residential Communications Consultant / Help Desk Technician

- Provided first level technical support for all staff and students.
- Engineered and deployed automated virus-removal tool, reducing helpdesk load.
- Developed web-based application using RPC to administer remote systems.

Dakin Technical Consulting (Sole Proprietorship), Santa Clara, CA 2003 – Present
Clients include: logistics firm, radio station, car dealership, academic research projects

- Administered network architecture, storage, and backup/recovery solutions.
- Created web-based tracking system for viewing international shipments in real time.
- Developed Java application to study response time to visual and auditory stimuli; Resulting data helped secure \$250,000 research grant.

CUSTOMER RELATIONS EXPERIENCE **Northstar Ski Resort**, Lake Tahoe, CA 2003 – Present
Information Host, Ski Instructor

- High profile position; enjoyed constant customer interaction.
- Empowered to compensate guests for conflicts, enhancing customer experience.

Santa Clara University, Santa Clara, CA 2004
Recruiting Representative

- Traveled throughout California holding meetings for prospective SCU students.

PERSONAL SKILLS Conversational in Spanish language (written and spoken); works well in teams; extroverted; enjoys customer contact; skilled in verbal and written communication; applies creativity to problem solving; loves travel.