YAEL PELED

yael.peled@gmail.com ▪ 608-217-2116 ▪ 1611 Chadbourne Ave. Madison, WI 53726

EDUCATION

University of Wisconsin-Madison
Bachelor of Science, May 2005
Double Major: Computer Science and Math   GPA: **4.0/4.0**

Courses: Cryptology, Network Security Independent Study, Artificial Intelligence, Operating Systems, Linear Programming, Theoretical Computer Science, Algorithms, Modern Algebra, Topology, Information Systems
Honors: The National Society of Collegiate Scholars, Deans List (10/ 10), ΦßK, XAΣ (National College Athlete Honor Society), Athletic Board Scholar (3 consecutive years), ΦKΦ (Top 5% of Junior class), Doweling Award

EXPERIENCE

Software Test Engineer ▪   Summer Internship **Microsoft Corporation** ▪   Summer 2004
- Worked with the Microsoft Virtual Server team on the test automation project
- Designed and implemented a performance automation tool for Microsoft Virtual Server
- Constructed a SQL relational database
- Built an ASP.Net application to display and manipulate SQL database

Research Assistant ▪   **CIPART project** ▪   Department of Computer Science ▪   Spring 2004
- CIPART – Critical Infrastructure Protection Through Analysis of Reliability and Trustworthiness
- Worked closely with two other undergraduate students on an original research project
- Analyzed attacker behavior in IDS and firewall logs
- Ran new network audit experiments to analyze effectiveness of attack prevention
- Analyzed CSL systems statistical data to identify potential new methods for intrusion detection

Summer Research Internship ▪   funded by **Microsoft** ▪ Department of Computer Science ▪   Summer 2003
- Design and implement a research project in the field of cryptography
- Developed mode of operation based on asynchronized extension of output feedback mode
- Programmed the new block cipher algorithm in Java
- Applied statistical analysis methods on the pseudorandom sequence generated
- Analyzed a variety of different attacks on the new mode

Recruitment Commander ▪   Israeli Defense Force/Training and Administration of Reserves ▪   98 to 00
- Organized and commanded operations for 1100 reserve soldiers
- Ensured manpower and other resources to perform daily operations and special projects
- Maintained current and accurate records of personnel, inventory, and activities
- Delegated responsibilities to 180 cadets to meet critical deadlines

Military Honors
- "Most Honorable Soldier" – elected by peers in commanding course and basic training
- "Excellent Cadet Award" – awarded by officers of basic training
- Excellent Athlete Status in the IDF - awarded leave time for athletic training and competition

ATHLETIC EXPERIENCE & LEADERSHIP

UW-Madison - Women's Intercollegiate Track Team ▪   00 to present
- Successfully manage full course load while training full-time (approximately 30 hours per week)
- Work intensely with diverse team members to achieve individual and team goals
- Earned Academic All-American, All–Academic Big-10, Verizon/CoSIDA Academic All-District
- Received 5-year athletic scholarship

Israeli National Teams -Track and Handball ▪   1996 - 2000
- Captain - World Junior Track Championship and World Handball Championship Israeli teams
- Competed internationally in France, Portugal, Greece, Austria, Yugoslavia, Switzerland, Spain
- Adapted to diverse cultures in effort to achieve high performance

RELEVANT SKILLS

Java ▪   C# ▪   Visual Basic .NET ▪   SQL ▪   ASP.NET ▪   ADO .NET ▪   C++ ▪   Pascal ▪   UNIX
Language fluency in Hebrew, basic knowledge of Arabic ▪   Adapt to a variety of diverse cultures
Problem-Solving ▪   Teamwork ▪   Achievement ▪   Motivation ▪   Goal Oriented ▪   Leadership
Tutoring in Computer Science, Statistics, Calculus, Physics, and Economics for the University of Wisconsin