

Roostam Tiger

IT Architect / Leader

Residence: Hamaapilim 7/13, Neshet, Israel
Nationality: Israeli

Phones: 972-54-4889119 (cell), 972-4-8207321
Born: 1975 in Leningrad (St.Petersburg), Russia. In Israel since 1990

Objective

Wide range of challenging and leading positions in SW-related field; preferably in ambitious projects and ventures.

Professional experience

Research intern, Microsoft, Haifa, Israel; summer 2005

- Joint project with MS Research on evaluation, enhancement and transfer of an innovative technology.

(Re-)Founder & Executive manager, TechnoBrain competition, Technion, Israel; Dec 2003 – pres.

TechnoBrain is a unique annual creative engineering contest at Technion covered worldwide - <http://technobrain.asat.co.il>.

- Full responsibility on all the fields of leading and organization – establishment, funding, sponsorship, content development, publicity, media and public relations, event production and conduction, etc.

SW and Algorithms team leader, EZchip Technologies, Yoqneam, Israel; Feb 2000 – Sep 2003

EZchip produces network processors, believed by leading analysts to be the most integrated and innovative in the industry.

- Full responsibility on the whole life cycle (from pre-requirements to support after several releases deployment) of the most crucial and complex SW product of EZchip – the OS/driver of the Network Processor.
- Direct leading and management of SW team of 7-9 exceptional engineers.
- Invention, development, estimation and patenting of new data structures - related algorithms.
- Heavy involvement in other SW products; heavy influence on HW design; influence on corporal management.

SW developer, IBM Research Lab, Haifa, Israel; Aug 1997 – Feb 2000 + summer 2004

- Student position in the Deep Knowledge Processor Verification Tool project (IBM Outstanding Award 1999).
- Full responsibility on major features of the tool. Influence on other various fields of the project.

Education

MSc in Computer Science, Technion, Haifa, Israel; Oct 2003 – present

- Thesis field: Effective (money-making) trading strategies, under supervision of Dr. Ran El-Yaniv.

Professional courses

- **Management and Leading**, by Dr. S.Nehamkin & Co, 40 hours, 2003 (partial participation).
- **Architecture of Real-time systems**, by WindRiver, 40 hours, 2000.
- **OOP and OOD**, by IBM Research, 1998-1999, 30 hours each (partial participation).

BA in Computer Science, Technion, Haifa, Israel; 1997 – 2002

- Graduation Average grade – 94, **Summa Cum Laude** (<3% of graduates).
- Advanced courses include: Pattern recognition, Computational learning, OOP, Randomized Algorithms, etc.
- Projects include: Image processing algorithms; Graph algorithms and visualization; Natural languages processing.

Achievements / Awards

- **US patent** “Wildcards in radix- search tree structures”, 2003; **1 patent pending**.
- Enrolled in the Technion’s **Excellence program** (~0.5% of all BA/B.Sc. students at Technion), 1998-00.
- **BA with Summa Cum Laude** (<3% of graduates), 2002; **President/Provost Honor of Excellence**, 1997-99.
- **2nd diploma** in Leningrad (now St.Petersburg) City Math Olympiad, Russia (top 4-10 participants), 1988-89.
- Student of prestigious Math. **School N. 239**, affiliated with the Leningrad State University, Russia 1988-90.
- Israel matriculation exams at **science level (33 credit points)**, average 95 (**114** after-bonus value); 1991-93.
- Member of the regional **Gifted Class** at the high-school. **Top student** in the high-school graduation, 1993.

Miscellaneous

- Highly active in fields of **creativity and entrepreneurship**, including leading roles in BizTec, Kinnernet, Geekcon
- **Army service:** Full service as sergeant at Comm Corps, IDF, Israel, 1994-97; in charge of comm. facility, 1996-97.
- **Language skills:** English - fluent, Hebrew – fluent, Russian - mother tongue.
- **Programming languages:** Proficient in C/C++, Matlab; familiar with Java, Pascal, Lisp, Smalltalk, x86 asm.
- **Computer platforms:** Proficient in Windows family, UNIX; familiar with VxWorks, Linux.
- **Non-job experience:** Coaching students towards exams; vast experience in hobby programming in various areas.
- **Self-education:** Reading masterpieces in various areas related to technology leading.

References and details available upon request.