

## Resume – Erez Hadad

### Academic Education:

- 2001-present:** PhD student in the Technion, Israel Institute of Technology.  
Research subject: “Architectures for Fault-Tolerant  
Middleware Services”, under the supervision of Dr. Roy  
Friedman.
- 1996-2001:** Intermediary Master's degree in the PhD course, for the same  
research subject.
- 1990-1994:** B.Sc. from the Technion, Israel Institute of Tecnology,  
Summa Cum Laude.

### Teaching Experience:

- 2005-present:** Teacher, “Introduction to Computer Science – C”
- 2003-2005:** Together with Assoc. Prof. Hagit Attiya, founded the new  
“Operating Systems” course in the Computer Science  
department. Served first as head TA, then as a teacher.
- 2001-2003:** TA in “Internet Communication” course

### Professional Non-research Experience:

- 2000-2001:** Administrator in the Distributed Systems Laboratory in the  
Computer Science department, Technion.
- 1994-2000:** Software Engineer in Rafael – Israel's Armament  
Development Authority.

### Knowledge Domains:

- Research subjects:** Distributed systems & algorithms, middleware (highly  
familiar with CORBA), Group Communication (esp.  
Ensemble), replication models
- Programming Languages:** Java, C, C++, Delphi (Borland's variant of OO-pascal)
- Operating Systems:** Linux, Windows (usage, administration, programming  
– application level and basic kernel level)
- Software Engineering:** Development processes, UML, SQA, configuration  
management, team work and management
- General programming:** Data structures, algorithms, multi-  
processing/threading, design patterns, communication  
(models, TCP/IP programming, IPC), basic DB (SQL),  
GUI development

### Languages:

- English:** fluent, read/write/speak
- Hebrew:** native language

## **List of Publications:**

### **Journals:**

1. **R. Friedman and E. Hadad, Client Side Enhancements using Portable Interceptors. *Computer System Science and Engineering*. Vol. 17, No. 2, pp 3-9, 2002**
2. **R. Friedman and E. Hadad, A Group Object Adaptor-Based Approach to CORBA Fault-Tolerance, *IEEE Distributed Systems Online*, Vol. 2, No. 7, Special Issue on Middleware 2001, Nov. 2001.**

### **Conferences:**

1. **R. Friedman and E. Hadad. FTS: A High-Performance CORBA Fault-Tolerance Service. *Workshop on Object-oriented Real-time Dependable Systems (WORDS 2002)*, San Diego, CA, USA, Jan. 2002.**
2. **R. Friedman and E. Hadad. Client Side Enhancements using Portable Interceptors. *Workshop on Object-Oriented Real-time Dependable Systems (WORDS 2001)*, Rome, Italy, Jan. 2001**