Mina Doroudi

5875 Brookgreen Rd
Atlanta, GA 30328
(404)-545-1671

mina.doroudi@gmail.com
U.S. Citizen

OBJECTIVE

Seeking an **entry-level full time** job beginning August 2007 in the field of Computer and Network Security or Software Development.

EDUCATION

Georgia Institute of Technology, Atlanta, GA — August 2007
Bachelor of Science in Computer Science
Concentration: **Discrete Mathematics**
Specializations: Computers and Network Security, Computer Networking, Theoretical Computer Science and Databases.
Major GPA: 3.30, Deans List

SKILLS

Programming: Proficient in Java, C, SQL, Lex, shell programming (bash), Squeak, Scheme, CVS, HTML, and Math related projects. Experienced with network applications.
Operating Systems: Familiar with UNIX/Linux, Windows, and Mac.
Additional: Experienced with cryptography and its proofs. Proficient in techniques of rigorous argumentation, and the reading and the writing of proofs.

Languages: Native Farsi speaker

EXPERIENCE

Intern, IBM Internet Security Systems, Atlanta, GA (Jan 2007 – present)

- Building Wiki websites for Managed Security Systems department.
- Help with Mathematics and Statistics for preparing the reports for quarterly audit of all live Managed Security Services devices.

Research Assistantship, Georgia Tech College of Computing, Atlanta, GA

Networking Security and Anomaly Detection, working with Prof Wenke Lee (May 2005 – December 2005)

PAYL 2-Gram (Privacy-Preserving Payload Based): Wrote a bash script to split pcap files into 5 pieces., to be able to use for the research.

Anomaly Detection of WWW: Wrote a lex script to produce a grammar for HTTP for use in the research.

Network Security and Social Phishing, Intel Scholar Opportunity Program(January 2006 – May 2006).

Analyzed social networks such as Facebook to observe how attackers access sensitive information of the users.

Cryptography working with Prof Yan Ding (July 2006 – Dec 2006)

learned Zero knowledge proof aspects of Cryptography,

Coupling Parallel Applications in a Dynamic Environment GT-CERCS group (Center for Experimental Research in Computer Systems) working with Prof Matthew Wolf and Pro0066 Karsten Schwan (January 2007 – present).

Researched and Designed Efficient way of mapping from N-D spaces to 1-D through *Hilbert Space Filling curves*.

Steganography (January 2005 – May 2005).

Learned, implemented and presented different methods of steganography

Math Tutor, Georgia Perimeter College Math Lab, Dunwoody, GA (August 2003 – May 2004)

- Tutor student in college level math

ACHIEVEMENTS/ACTIVITIES

Intel Scholar Opportunity Program, undergraduate research program founded by Intel Corporation (Aug 2003 – May 2006).
REU Computer Science, Funded for research from NSF (January 2007 – present).
Secretary, Iranian Student Association (Fall 2006 – present)