Amir Hossein Sojoodi

Curriculum Vitae (Extended)

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PERSONAL INFORMATION

Languages Persian (maternal),

English (fluent) (TOEFL - Jan-2019: Total: 104, R: 28 L: 27 S: 24 W: 25),

French (basic)

RESEARCH INTERESTS

High Performance Computing, Multicore and Parallel Processing, Distributed Computing,

GPU Processing, Big Data Processing

EDUCATION

2020-Present Ph.D. In Electrical and Computer Engineering, Queen's University, Kingston, Canada

Research topic: High-performance GPU-aware Communications in Hybrid Clusters;

GPA: 4.0/4.0

2012-2015 M. Sc. In Software Engineering, Shiraz University, Shiraz, Iran

Ranked 3rd among students with GPA 17.66/20.00

Thesis: Design & Evaluation of a Large-Scale Data Processing Framework for Modern

GPUs. (Enabling Apache Tez to use GPU) supervised by Dr. F. Khunjush

2007-2012 **B. Sc. In Software Engineering,** *Shiraz University,* Shiraz, Iran

Final Project: Intelligent controller of Miss PacMan agent; supervised by Dr. Zohreh Azimifar

2003-2007 **High School**, *Imam Musa Sadr High school*, Tehran, Iran, **Major:** Mathematics & Physics

COMPUTER SKILLS

Programming Advanced: C/C++, Java, Assembly

Languages Intermediate: Python, TXL, Matlab, and Shell Scripting

Programming CUDA, OpenMP, MPI, Apache Ignite, Apache Hadoop, Apache Tez, Apache Spark, Apache

Models & Platforms Maven, Pthreads, MapReduce, JCuda, Java FX, and GTK+

Misc. Tools Git, Vim, Make/Cmake, Nexus, Visual Paradigm, Redmine, XenCenter, Squid, Swagger, Latex,

and Tableau

Operating Systems Advanced: Ubuntu and Windows Basic: CentOS, Debian, and MacOS

Video Editing Camtasia, Corel Video Studio, Proshow Producer, Adobe AfterEffects

PUBLICATIONS

2021 (editing) Y. H. Temucin, **A. Sojoodi**, P. Alizadeh, B. W. Kitor, and A. Afsahi, "Accelerating Deep Learning using Interconnect-Aware UCX Communication for MPI Collectives," IEEE Micro, 2021, pp. 1–9.

2021 Y. H. Temucin, **A. Sojoodi**, P. Alizadeh, and A. Afsahi, "Efficient Multi-Path NVLink / PCle-Aware UCX based Collective Communication for Deep Learning," Proceedings of Hot

Interconnects, pp. 1–10.

2020 **A. Sojoodi**, M. Salimi Beni, and F. Khunjush, "Ignite-GPU: a GPU-enabled in-memory computing architecture on clusters," Journal of Supercomputing, 2020, pp. 1–28.

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2020 M. S. Beni, **A. Sojoodi**, and F. Khunjush, "A GPU-Enabled Extension for Apache Ignite to Facilitate Running Genetic Algorithms," *2020 20th International Symposium on Computer Architecture and Digital Systems (CADS)*, Rasht, Iran, 2020, pp. 1-8, doi: 10.1109/CADS50570.2020.9211857.

PROFESSIONAL EXPERIENCES

2020-09 - Present	Course Design and Development Specialist FEAS (Faculty of Engineering and Applied Science), Queen's University
2018-09 - 2019-11	R&D, XenServer and Linux administrator <i>HPC group, CSE Dept, Shiraz University; supervised by Dr. F. Khunjush.</i> Challenges: To setup and maintain Apache Hadoop, Spark, Tez and Ignite clusters.
2016-04 - 2017-02	Servers administrator, Data Visualization and Java backend developer_ Aria Hamrah Samaneh, Shiraz Section, Software Group, Shiraz, Iran. Challenges: Data warehouse research and develop, data visualization with Tableau, to setup and maintain various development services.
2015-10 - 2016-04	R&D, BI Developer ICTC (Information and Communication Technology Center), Shiraz University
2013-10 - 2015-10	R&D, XenServer and Linux administrator <i>HPC group, CSE Dept, Shiraz University; supervised by Dr. F. Khunjush.</i> Challenges: User management, setup and maintain various services such as, nexus repository manager, apt cacher, squid firewall, version control system, project manager (Redmine) and etc.
2011-2012	Network Administration Specialist CSE Dept, Shiraz University
2008-2010	Member of Programming Contests (ACM ICPC) group, CSE Dept, Shiraz University

	TEACHING EXPERIENCE — ACADEMIC YEAR
<u>Lecturer:</u>	
2016 Winter	Introduction to Object Oriented Programming with Java, Shiraz University, ICTC
2013 Summer	Software Engineering Lab, undergraduate, Shiraz University
2012 Winter	Software Engineering Lab, undergraduate, Shiraz University
2012 Summer	Software Engineering Lab, undergraduate, Shiraz University
Assistant:	
2021 Fall	ELEC278 - Fundamentals of Information Structure, undergrad, Queen's University, by Dr. A. Elwakeel
2021 Winter	ELEC374 - Digital Systems Engineering, undergraduate, Queen's University, by Dr. Sean Whitehall
2020 Fall	ELEC278 - Fundamentals of Information Structure, undergrad, Queen's University, by Dr. D. Athersych
2020 Winter	ELEC374 - Digital Systems Engineering, undergraduate, Queen's University, by Dr. Ahmad Afsahi
2018 Fall	GPU Programming, undergraduate, Shiraz University, by Dr. Farshad Khunjush
2015 Fall	GPU Programming, undergraduate, Shiraz University, by Dr. Farshad Khunjush
2014 Winter	Multicore Programming, graduate, Shiraz University, by Dr. Farshad Khunjush
2013 Fall	GPU Programming, undergraduate, Shiraz University, by Dr. Farshad Khunjush
2012 Fall	Operating Systems, undergraduate, Shiraz University, by Dr. Mohammadreza Moosavi
2012 Fall	System Programming (Assembly), undergrad Shiraz University, by Dr. Gholamhossein Dastghaibifard
2012 Winter	Microprocessors, undergraduate, Shiraz University, by Dr. Farshad Tajeripour
2011 Winter	Operating Systems, undergraduate, Shiraz University, by Dr. Sattar Hashemi

2010 Winter	Principles of Programming (C), undergraduate, Shiraz University, by Dr. Ali Hamzeh
2010 Winter	System Programming (Assembly), undergraduate, Shiraz University, by Dr. Sattar Hashemi
2010 Fall	Operating Systems, undergraduate, Shiraz University, by Dr. Sattar Hashemi
2009 Fall	System Programming (Assembly), undergraduate, Shiraz University, by Dr. Sattar Hashemi
	AWARDS AND ACCOMPLISHMENTS
2020-09	Parya Scholarship by <u>Parya Trillium Foundation Scholarship</u> which provides financial support for Iranian students in Canadian post-secondary institutions.
2019-01	Best T.A at CSE, Shiraz University, Shiraz, Iran. According to the students' poll. GPU Programming course supervised by Dr. F. Khunjush.
2016-08	9 th Place at National IoT Hackathon, Iran University of Science and Technology, Tehran, Iran. As Shiraz University 1 st team "SU" Introducing "Intelligent Outlet".
2015-02	Silver Medal at 7 th National JavaChallenge, Sharif University, Tehran, Iran. As Shiraz University 1 st team " <i>Tolu</i> " (with <i>B. Ahmadi & M.R. Katebzadeh</i>)
2012-07	Gold Medal at Chess Games, in Team Section, South of Iran Universities, Shiraz, Iran. As Shiraz University team (Captain: <i>R. Gharakhloo</i>)
2010-07	5th Place at IEEE CIG 2010, Students Competition, Miss Pacman Intelligent Controller. As Shiraz University team (with <i>M. Asadi</i>)
2010-07	5th Place at Kashan University 2 nd International Programming contest, Kashan, Iran. As Shiraz University 3 rd team "PosixThreads" (with S. Kazemi and M. Saeedi)
2006	Silver Medal at Chess Games, in Individual Section, High School Students. Tehran #1, Iran
2004, 2005, 2006	Gold Medal at Chess Games, in Team Section, High School Students. Tehran zone #1, Iran
	RELATED EDUCATION
2021-11	Supercomputing (SC21) Conference
2021-11	GTC Conference, by NVIDIA
2021-08	SCINET Summer Workshop: Debugging and Performance Tuning
2021-08	Hot Interconnect Conference
2021-07	PUMPS+AI Conference by Barcelona Supercomputing Center
2021-06	SHARCNET HPC Summer Workshop: Modern C++ and Parallel Programming
2021-04	GTC Conference, by NVIDIA
2014-11	NVIDIA & Udacity Course: Intro to Parallel Programming with GPUs
Fall 2019	Udacity: Software Testing, by <i>John Regehr</i> Udacity: Intro to DevOps, by <i>Karl Krueger and Dwayne Lessner</i> Georgia Tech & Udacity: Software Development Process, by <i>Alex Orso</i>
Summer 2019	Addison-Wesley, Livelessons: Design Patterns in Java, by Douglas C. Schmidt
Spring 2019	Udacity: Writing READMEs, by Walter Latimer Udacity: Craft Your Cover Letter, by Trinh Nguyen Udacity: Refresh Your Resume, by Trinh Nguyen Udacity: Strengthen Your LinkedIn Network, by Trinh Nguyen and Chris Saden
Summer 2018	SoloLearn App online courses: <i>Java, Python, C, C++, HTML and SQL</i> Udacity: Introduction to Hadoop and MapReduce, by <i>Ian Wrigley and Sarah Sproehnle</i> Udacity: Configure Linux Webservers, by <i>Michael Wales</i>
Summer 2015	Berkeley, edX: Intro to Big Data with Apache Spark, by Anthony D. Joseph
Fall 2014	NVIDIA and Udacity: Intro to Parallel Programming with GPUs, David Luebke and John Owens

MY TALKS

Fall 2019	Start a Good Career, CSE Dept Students, at Shiraz University
Summer 2018	Illusion of Decision, Break Time in University. For high school students, at Shiraz University
Spring 2016	Working during college, CSE Dept Students, at Shiraz University
Fall 2016	What is Software Engineering? CSE Dept Students, at Shiraz University
Summer 2014	Time Management (Keynote Speaker), 8th Break Time in University
Spring 2014	Future Education (Keynote Speaker), 1st Entekhab-e-Bartar Conference
Summer 2013	Climate Crisis (Keynote Speaker at Opening Ceremony), 7th Break Time in University
Spring 2011	Art of Googling (with Saeed Kazemi), CSE Dept Students, at Shiraz University
Spring 2011	Compilers vs. Interpreters (with Saeed Kazemi), CSE Dept Students, at Shiraz University
	OTHER COURSES AND WORKSHOPS
2021-09-13	Reading in Grad studies, by <u>SASS</u> at Queen's University
2021-09-06	Grad life , by <u>SASS</u> at Queen's University
2021-09	Time & Project Management workshop, by Mitacs
2021-08	Academic Connections Certificate, by <u>SASS</u> at Queen's University
2020-03	Inter-cultural Awareness, by "QUIC" workshops at Queen's University
	In this 4-session workshop we learned about cultures, their roles in society, their
	differences, and inter-cultural communication techniques. Also, we learned about
	Indigenous people, and their history in Canada.
Winter 2020	Write Nights, by "SASS" workshops at Queen's University
	In this 10-session workshop we worked on writing in academic context.
2020-03-10	Presenting with Confidence , by "Expanding your Horizons" series at Queen's University
2020-03-05	Leading with Emotional Intelligence , by "Expanding your Horizons" series at Queen's
	University
2020-02-27	LinkedIn Session , by "Expanding your Horizons" series at Queen's University
2020-02-13	Commercialization Opportunities , by "Expanding your Horizons" series at Queen's University
2020-01-23	Three Minute Thesis, by "Expanding your Horizons" series at Queen's University
2020-01-20	Procrastination and Mindfulness , by " <u>Expanding your Horizons</u> " series at Queen's University
2020-01-16	Effective Communication with Supervisor , by " <u>Expanding your Horizons</u> " series at Queen's
	University
2020-01-16	Notetaking and Writing, by "SASS" workshops at Queen's University
2020-01-09	Reading Faster, Reading Better, by "SASS" workshops at Queen's University
2020-01-07	From B to A: How to be a good Student, by "SASS" workshops at Queen's University
Fall 2019	Self Determination Theory, by Arash Kamali at Arche Academy, Shiraz, Iran
	In this 10-session workshop, I learned about non-violent communication, growth

EXTRA-CURRICULAR ACTIVITIES

2021-Summer Podcast Host at IV@Q

International Voices at Queen's University is a supportive listening space for members of the Queen's University community, developed in partnership between <u>SASS</u> and the <u>QUIC</u>. Episodes include topics about culture shock, developing your authorial voice, and navigating housing in Canada.

mindset, motivation causality, and self-determination practices.

2017-2018 Compulsory Military Service

2009-2019 Staff at Break Time in University (BTIU)

➤ BTIU is a normally 3-day conference that has been held annually since 2006 every summer for high school students (Last year almost 270 students). High School students of Shiraz city can participate in this program and enjoy the creative classes and workshops about different things. (Every student participates in almost 10 classes). BTIU's objectives include:

- o Introducing university to high school students.
- o Improving their creativeness and team work skills.
- o Improving their cultural and social parts of their thoughts.
- Improve staff committee skills, including communication, management, responsibility and etc. (almost 90 person is in staff committee every year).

BTIU has almost 20 different Committees. What I have done in BTIU:

- **2009:** Member of budget and sponsor committee; and Catering Committee chair.
- 2010: Budget and sponsor committee chairman; and Opening-Closing Ceremonies Committee chairman, and editor.
- 2011: Opening-Closing Ceremonies Committee member and consultant; Photographer, Cinematographer, and editor.
- 2012: Opening-Closing Ceremonies Committee member and consultant; Cinematographer, and editor
- 2013: Opening-Closing Ceremonies Committee member and consultant; Photographer, Cinematographer, and editor.
- > 2014: Documentary Committee chairman; Member of film and clip Editing
- > 2015: Member of Scientific Committee; Ceremonies Speaker
- **2016:** Workshop Evaluator
- 2017: Workshop Evaluator
- **2018:** Evaluator and Workshop Instructor (Subject: Illusion of Decision)

2012-2016 Organizer at Tolu

Co-founder and member of Tolu group since spring 2012. It's a group with almost 15 members that have meeting every week. We have seminars and talks in different subjects, mostly psychology, psychoanalysis, philosophy, history and sociology.

2014 Staff at Entekhab-e-Bartar

Major member of the group since its creation and its conference chair. It's a group with almost 10 staff and 15 consultants that holds workshops and classes for high school students about college majors and fields. We try to help them to choose a better way in their future by informing them about what's going on in each fields. In order to help them to realize what they actually like, we have different tests, psychology tests, sociology tests, IQ tests and face to face talk for each student.

2011-2014 Staff at Students' Scientific Group, CSE Dept, Shiraz University

- In this group we work on different Seminars and Work-shops for students. Also each semester, courses and their exams scheduling is done by this group. We have a board for our announcements and posters.
- I was a member of the group in 2009, 2010, 2012 and 2014 and its head in 2011.

Spring 2012 Staff at 16th CSI International Symposiums on Computer Architecture & Digital Systems and Artificial Intelligence & Signal Processing, Shiraz University, Shiraz, Iran

Opening-Closing Ceremonies Manager; film and clip editor, Cinematographer

Spring 2011 Staff at Harekat Fest, Shiraz University

It's a festival for Students Scientific Groups of Shiraz University and their achievements in one year of efforts. I was the head of Opening-Closing Ceremonies Committee, film and clip editor.

SELECTED PROJECTS – ACADEMIC YEAR

Fall 2021 Multi-GPU Vector Reduction, implemented in CUDA

This project is a part of the course *ELEC 873 – Cluster Computing* at Queen's University. In this project, I have designed, implemented, and evaluated 9 different intra-node *reduction* approaches on 4 data buffers each of which resides on a GPU of a single node. The algorithms are based on 2 common reduction algorithms: Ring and Binomial Tree; and for each of these algorithms, I implemented their pipelined and multi-channel version and compared them against one another. All the algorithms are designed to run in a **single process** environment where one process can efficiently manage and handle multiple GPU data movement, and the major goal was to improve link efficiency.

Winter 2020 Multi-Process-Ensemble-Methods, implemented in Python

- This project is a joint work with Yiltan Temucin as a part of the course *ELEC 872* Artificial Intelligence and Human Interaction at Queen's University.
- In this project we worked on AMIGOs data set, with the EEG, ECG and GSR signals, and applied filtering, feature extraction, and dimensionality reduction in a parallel manner. We classified the data based on the emotions: neutral, disgust, happiness, surprise, anger, fear, and sadness. We implemented and compared 4 different classifiers: Logistic Regression, SVM, KNN, and AdaBoost. Using this method we received a 3.6x performance improvement in running our pre-processing stage. We also combined these 4 models and used a voting classifier which provided more reliable results. More information can be found at the following address. Link: https://github.com/Yiltan/Multi-Process-Ensemble-Methods

Winter 2020 OpenMP-to-CUDA-Transformation, implemented in TXL

- > This project is a joint work with Nicholas Merz as a part of the course *ELEC 875* Design Recovery and Automated Evolution at Queen's University.
- In this project we used TXL to transform simplified OpenMP C source codes to its equivalent CUDA version. The transformation takes multiple pre-assumptions into account to make the process easier, like availability of Unified Memory, and the source OpenMP code being race-free and valid. The project's complete documentation can be found at the following address.

 Link: https://github.com/amirsojoodi/OpenMP-to-CUDA-Transformation-with-TXL

2019 Ignite-GPU, implemented in Java and CUDA

- This project is a joint work with Majid Salimi, at Shiraz University HPC lab.
- Currently Apache Ignite does not support GPUs formally, therefore, we have designed, implemented, and evaluated a platform in which Apache Ignite integrates with the GPUs smoothly and provides the developers more computing power and performance. We have ported Genetic Algorithm, as a test case, to the Ignite-GPU and achieved around 200x speedup compared to its Ignite-only version.

Summer 2015 Simorgh – GPU-enabled Apache Tez. Mv M.Sc. thesis, implemented in Java and CUDA

Apache Tez provides a DAG execution programming model to users (Processing Vertices and Reader/Writer Edges). In this project, we have designed and developed a framework in which Apache Tez is integrated with Nvidia GPUs seamlessly. Our evaluations have shown that using GPUs for processing a Vertex gains 4 to 6x speedup.

Spring 2014 **DVONN Game,** implemented in C and GTK+

- This project is the design and implementation of DVONN Game. It can be checked at http://en.wikipedia.org/wiki/DVONN. The project is written with GTK+ in windows with Glade software to produce XML-like version of the graphic designs in Glade Interface Designer.
- The project can be found here: https://github.com/amirsojoodi/DVONN

Spring 2014 Grid Information, implemented in Java

A joint work with Fatemeh Marzban.

- The goal of this cross-platform (Windows and Linux) project is to monitor all the nodes in a local Grid and to get all of their resources information (including static and dynamic information of a resource). The libraries and technologies we used: Java RMI, SIGAR, ObjectDB, JPA, JGoodies, Swing, AWT and STAX.
- More information: https://github.com/amirsojoodi/GridInformationService

Spring 2014 Grid Scheduler, implemented in Java

- A joint work with Fatemeh Marzban.
- This project gets computing nodes and jobs as input and draws a schedule to submit the jobs on more suitable stations. The used algorithms are MaxMin, MinMin, Suffrage and Genetic Algorithm. Its GUI is written with Swing and JGoodies.

Fall 2013 Prime Generator, implemented in C

This project is based on Atkin algorithm and Optimized as well as Parallelized using MPI, OpenMP, Pthreads, and CUDA. It can be run on both GPUs and CPUs of some computers.

Fall 2013 Parallel Algorithms simple library, Implemented in C and MPI

Including Matrix Multiplication, Bucket Sort, Bitonic Merge Sort, PI Computation (Monte Carlo, Integration and Summation Series method), Moor Shortest Path in Graph, Mandelbrot Series, Insertion Sort, Histogram, Factorial, Simulating Heat Transfer, and Prefix Sum.

Spring 2013 Particle Swarm Simulation, implemented in C

- A joint work with Arash Pourhabibi Zarandi.
- The project is based on Barnes-Hut algorithm and parallelized using Pthreads library and OpenMP directives.

Fall 2012 Linux Shell, implemented in C

- A shell (remote and local) that has some of the bash features such as: basic execution, background jobs management, change working directory, arbitrary number of arguments processing, clear terminal and process management.
- The project can be found here: https://github.com/amirsojoodi/AHS Bash

Spring 2012 Constructing DFA from an Arbitrary Grammar, implemented in Java

This project is developed to construct a DFA from an input Grammar. First, the input grammar is converted to Regular Expression for each degree. Then, each RegEx is converted to NFA. In each step, the generated NFA is added to the current resulted DFA as far as generated till then. After that, the resulted NFA is converted to DFA. *GraphViz* and *Dot* are used to draw states of constructed DFA in each step and save them as PNG files.

Spring 2012 Online Hotel Reservation and Management, implemented in Java

- A joint work with Pedram Veisi.
- This project is a web-based software implementation using JEE framework and integrated with Glassfish and ObjectDB as the application server and data persistency tool (ORM method) respectively. We used Visual Paradigm software for Class, ERD, Use Case and other diagrams and these technologies for development: JSF, JPA and Java Bean

Spring 2011 Troyis Player, implemented in Java

- > A joint work with Amir Hossein Shahriari.
- This project captures computer screen and processes the image of the Troyis game board (Situation and state of the horse, empty and full spots) and after processing the board and extracting the required data, the decision-maker module decide which place is the best choice for the next move, using Bellman-ford algorithm.

Then the decided option is passed to the mouse buffer. The game is available on www.troyis.com.

The project can be found here: https://github.com/amirsojoodi/TroyisPlayer

Fall 2011 Front-End of a C Compiler, implemented in Flex Package (Lex and Yacc)

- A joint work with Saeed Kazemi and Pedram Veisi.
- > The goal of the project is to grab an input C file and generate a 3-address-code translation and pass to the back-end of the C compiler (Lexical analyzing of the code and generating its parse tree)

Fall 2010 Http Server, implemented in Java

A simple Http Server with general error codes and availability to download and upload regular files.

Summer 2010 Miss PacMan Player, implemented in Java

- A joint work with Mahsa Asadi.
- This project captures computer screen and processes the image of the PacMan game board (Position and state of Miss PacMan, ghosts, walls, dots and fruits) using median filter; and after processing the board and extracting the objects out, the AI part decides which way is the best choice for the next move using A* algorithm. Then, the decided option is passed to the keyboard buffer. As an extra feature, the project draws a simple board simulation next to the main board in order to show what is understood from the board in every cycle of processing. The game is available on www.webpacman.com/mspacman.htm.

Spring 2010 Bank Account Management, implemented in C

- > A joint work with Saeed Kazemi.
- This project is written in two modes: Multiprocess and Multithread, which contains a server and multiple clients which operate over http protocol. The server would open and listen on an arbitrary port, and clients can establish a connection through this port in order to carry out various operations, such as creating a new account, deposit, transfer and withdrawal.

Fall 2009 Course Scheduler, implemented in Java and C#

- A joint work with Babak Ahmadi, Mohammad Moein, and Mehrdad Mehrjoo
- The goal of this project is to find a solution to the CSE department courses' schedule using Island Genetic Algorithm. It can save the output results in a beautiful format in Excel files, using JXL; and its GUI is implemented in C#.

Fall 2009 Launch Format Operation on a Disk Partition, Implemented in Assembly

This project's mostly wanted feature was linking 16-bit and 32-bit object files that was done with 16-bit Tasm and 32-bit Nasm Assemblers. In this project I tried to invoke system processes to perform the format task.

Spring 2009 Custom CPU Pipeline Data-Path with Simple Assembler, Implemented in Verilog and Java

- A joint work with Parviz Nekooei.
- It has all stages of the pipeline of a RISC CPU with size of 16 bit for each instruction. It has these features: hazard detection, overflow detection, register forwarding, pipeline stall, assembler for Input Instructions, and write out the register-file contents in each cycle.

Spring 2009 **Decision Tree**, implemented in Java

The goal of this project is to generate a decision tree based on ID3 algorithm. It was designed to decide (predicate) a special parameter of the input data, based on its other parameters.

➤ It's a graphical implementation of the Othello game written in Java Swing which supports two playing modes (Human against computer and human against human). The computer-player module written using Min-Max algorithm.

Fall 2008 File Transfer through Serial COM Ports, implemented in Assembly

This project was written to transfer a file through COM ports between two computers. Its idea was adapted from the book: *Art of Assembly.* The receiver part of the project has to run on the receiver computer first and wait for the sender. Then the sender computer can initiate the connection and perform a full handshake with the receiver and send any arbitrary file.

INTERESTS

Art Music, Movies, Poem, Writing, Playing Music Instruments, Singing, Photography, Film Editing

Sports Soccer, Volleyball, Chess, Running, Biking, Mountain Climbing

Misc. Coding, Teaching, Reading (about Philosophy, Sociology, Psychology, and Poetry), Meditating

REFERENCES

Dr. Ahmad Afsahi (ahmad [dot] afsahi [at] queensu [dot] ca)

Dr. Farshad Khunjush (fkhunjush [at] gmail [dot] com)

Dr. Ali Etemad (ali [dot] Etemad [at] gmail [dot] com)

Dr. Gholamhossein Dastghaibifard (dastghaib [@] shirazu [dot] ac [dot] ir)

Dr. Ali Hamzeh (ali [at] shirazu [dot] ac [dot] ir)

Dr. Mohammad Reza Mousavi (mrmoosavi [at] gmail [dot] com)

Dr. Sattar Hashemi (s hashemi [at] shirazu [dot] ac [dot] ir)