

Parsa Ghaderi

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EDUCATION	Concordia University Montreal, Quebec, Canada <i>Masters Degree, Computer Science, 2020 - present</i>
	Isfahan University of Technology Isfahan, Iran <i>Bachelors Degree, Computer engineering (IT engineering), 2015-2020</i>
EXPERIENCE	Title: Full-time Research Assistant Sep 2020 - present Company Name: Concordia University , Location: Concordia University, Montreal, Quebec, Canada Description: Full-time Research Assistant, focused on Computer Networking Under supervision of Dr. W. Atwood , Dr. L. Narayanan .
	Title: Research Assistant and Intern Jul 19 - Sep 19 Company Name: Institute For Future (IFF) , University of Nicosia Location: University of Nicosia, Nicosia, Cyprus Description: Researching on Blockchain, developing blockchain-based applications. Under supervision of Dr. Chrisotodoulou .
	Title: Backend Developpe Sep 2019 - Dec 2019 Company Name: Ergo Platform Description: Developing Pool for Ergo Mining under the supervision of Dr. M.H. Samadani
	Title: Teaching Assistant Sep 2019 - Jan 2020 Company Name: Isfahan University of Technology Location: Isfahan University of Technology, Isfahan, Iran Description: Teaching assistant in Computer Networks II at Isfahan university of technology under the supervision of Dr. M. Hashemi .
	Title: Teaching Assistant Sep 2019 - Jan 2020 Company Name: Isfahan University of Technology Location: Isfahan University of Technology, Isfahan, Iran Description: Teaching assistant in Computer Networks I at Isfahan university of technology under the supervision of Dr. M. Fanian .
	Title: Intern Jul 2018 Oct 2018 Company Name: IBL (Iran Blockchain Lab) Location: IBL office, Sharif technology services complex, Sharif University, Tehran, Iran Description: Intern at software development department under the supervision of Ali Nosrati, head of the software department
	Title: Teaching Assistant Feb 2017 Jun 2017 Company Name: Isfahan University of Technology Location: Isfahan University of Technology, Isfahan, Iran Description: Teaching assistant in Advance programming at Isfahan university of technology under the supervision of Dr. M. Mouzarani .
	Title: Teaching Assistant Sep 2016 Jan 2017 Company Name: Isfahan University of Technology Location: Isfahan University of Technology, Isfahan, Iran Description: Teaching assistant in the basics of programming at Isfahan university of technology under the supervision of Dr. M. Nabi

SKILLS

Programming languages:

- C/C++ : Advanced
- Python : Advanced
- SQL : Advanced
- PostgreSQL : Advanced
- JavaScript : Intermediate
- Java : Intermediate

Programming Frameworks:

- Hyperledger Fabric : Advanced
- Hyperledger Composer : Advanced
- Django: Intermediate
- Flask: Elementary

Programming Related Skills:

- Blockchain: Advanced
- Data Structure: Intermediate
- Docker: Advanced
- Cryptography: Intermediate
- Agile: Intermediate
- Algorithms: Intermediate
- Object-Oriented Programming: Advanced
- Git: Intermediate

Other Skills:

- Teamwork: Advanced
- Team management: Advanced
- Communication: Advanced
- Adaptability: Advanced
- Adaptability: Advanced

FIELDS OF INTEREST

- Computer Network
- Blockchain
- Data science
- Distributed computing
- Security
- Cryptography

LANGUAGES

- English: Professional working proficiency
- Persian: Mother's tongue

REMARKABLE PROJECTS

- Bachelor's Thesis(Project 1):deploying blockchain based platform for registering image IP
 - Registering images Intellectual Property on blockchain in order to prevent any copyright violation. I used Hyperledger technology for this purpose. This project was successfully finished with the supervision of Dr. Manshaei.
- Bachelor's Thesis(Project 2):evaluating and generating algorithms for image duplicate detections.
 - To register Images we create a fingerprint for each image. there are many already existing algorithms, we evaluated these algorithms and came up with our own method. This project is under supervision of Dr. Heidarpour.
- Internship project: Blockchain based platform for registering Land and property
 - successfully designed and deployed a blockchain based platform using Hyperledger Composer and Hyperledger Fabric. This project was supervised by Dr. Christodoulou at the University of Nicosia, Cyprus during my internship. Also, I did a similar project during my internship at IBL.