

# Pooneh Mokariasl



## Contact

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## SKILLS

### PROGRAMMING

Python(Numpy/ Scipy/  
Scikit-Learn/ Pandas/ Sokcetio/  
Jupyter Notebook)  
Node JS (Express/ Socket.IO/  
dockerode)  
HTML / CSS  
Git

### NETWORK TOOLS

GN3S, NS, Packet-tracer  
Wireshark, OPmanage, Mininet.

### OPERATING SYSTEMS

Ubuntu, Debain, Alpine, Macos

### OTHERS

Docker, Kubernet, Swarm, AWS  
Shell Script

## CERTIFICATES

CCNA(Routing and Switching)  
CCNP(Routing and Switching)  
CCNA(security)  
Introduction to Cybersecurity-EDX  
The CISO's View-EDX UWashington  
Building Your Cybersecurity  
Toolkit-EDX  
Network Security-EDX RIT  
Introduction to Cloud  
Computing-EDX  
Introduction to Wireshark- Udemy  
Complete Certified Ethical Hacking  
MEGA Course - Udemy

## LANGUAGES

PERSIAN (Native)  
ENGLISH (Professional)  
Français( Professional)

## WORK EXPERIENCES

- Feb 2020 – **Nokia Bell labs Paris Saclay** Paris, France  
*Research intern , IoT-Control Department*
- Design architecture for monitoring IoT networks using cloud technology
  - Implement the architecture on GNS3
  - Implement the architecture in real network with devices
- Docker Python Nodejs Expressjs Socketio Kubernetes git Alpine GNS3  
VMWare Gitlab
- 2019 - 2020 **TheCantillon** Paris, France  
*Business Developer*
- Arrange and attend appointments as the company's agent
  - Research on target markets, implement marketing strategy
  - Redesign the company's Website
- Negotiation CSS HTML Marketing MS Office Google Analytics
- 2019 - 2020 **SciencesPo** Paris, France  
*Teaching Assistant*
- Design and maintenance a platform based on Github which more than 500 students can present their projects
- HTML CSS git Javascript
- 2017 - 2017 **Fanap** Tehran, Iran  
*Server Administrator*
- Use Opmanager to monitor the network and check connections
  - Implement VOIP technology
  - Design customized firewall rules for load balancing and security
  - Analyze the network traffic to customize services by Wireshark
- wireshark OPManager Nmap Ipref NetFlow Packettracer Putty

## FORMATION

- 2019– **MASTER 2, Network Engineering ,Major: INTERNET Of Things** Paris, France  
SORBONNE University
- 2018-2019 **MASTER 1, INTERNET ARCHITECTURE AND TECHNOLOGY, Major: Innovation and Entrepreneurship** Paris, France  
SORBONNE University under supervision of EIT Program
- 2014-2018 **B.Sc, Computer Engineering, Major Hardware** Tehran, Iran  
K.N TOOSI University  
Bachelor thesis: Analyzing speed up of convergence time in routing protocols in GPU-based SDN by parallelism using Mininet

## ACADEMIC PROJECTS

- 2019 **Mobility based on public transport systems** Paris, France  
SORBONNE University
- Pars data set
  - Visualize data on Google Map
  - Find the shortest path between bus stations
- 2018 **Analyze routing algorithms in SDN based in GPU** Tehran, Iran  
K.N Toosi University
- Design new architecture for OSPF in SDN based on GPU
  - Implement with openVC
  - Implement with Cuda