

# Bouchra AMELLAL

2,Av Allal El Fassi Madinat Al Irfane

Rabat, Morocco

☎ 06 00 87 99 70

✉ amellalbouchra@gmail.com

06/10/1996

State Engineer at the National Institute of Posts  
and Telecommunications (INPT).

## Academic Formation

- 2017-2019 **Engineering School**, National Institute of Posts and Telecommunications, Rabat, Morocco, 2nd year, Option: *Web Mobile and Decision-Making*.
- 2015-2017 **Preparatory Classes for High Schools**, Iben Tahir High School Errachidia, Morocco. Option: *Mathematical Physics and Engineering Science*.
- 2014-2015 **Baccalaureate**, Very Good Mention, Mohammad V High School. Option: *Mathematical Science A*.

## Projects and Traineeship

### Traineeship

**Renault – Nissan Tangier Operations**, *Programming Inventory Request*, with Visual Basic (VB) under Excel.

- Programming graphical interface under VB
- Scheduling the procedure for sending and analysing inventories

### Projects

**Project1**, *Creation of a text analyzer for an e-reputation application. Realize in Python by processing recovered data using Twitter.*

**Project2**, *Establishment of a website for the management of international mobility at our institute with Java EE.*

**Project3**, *Deployment of the Openstack Cloud Computing Platform under Linux.*

## Technical Competences:

**Programming Language and Development**, Java, Java EE, HTML, CSS, Python and Visual Basic (VB).

**Data Analysis and Statistics**, R, MATLAB.

**System Administration (with Linux) and Networks (TCP/IP, IPv6).**

**Software Systems Analysis and Design**, UML.

**Virtualization and Cloud Computing**, KVM(Kernel-based Virtual Machine), VirtualBox.

**Software-Defined Networking (SDN)**, OPNET, Network Simulator(NS3), Mininet.

## Languages

- English: Current
- French: Current
- Arabic: Current
- Amazigh: Speaking

## Extracurricular

- Membership IEEE STUDENT BRANCH.
- Member IEEE STUDENT BRANCH INPT managing committee.
- Membership in IEEE STUDENT BRANCH INPT Web Cell.

## Leisure

Reading, Writing, Sport.