

# Nayef Ghattas

Devops/Infrastructure Engineer, Web Tinkerer

Master of Engineering Student

## Address

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Looking for a full-time contract *or* 5-month+ internship starting mid-April as part of the requirement of my Master of Engineering degree @CentraleSupélec



## Experience

August 2017 - September 2018

### Software Engineering Intern @Datadog

Development, maintenance and performance-boosting of distributed applications (Golang) on Cloud Native environments as part of the alerting pipeline team. Migration to Kubernetes.

February 2017 - July 2017

### Developer & agile prototyper @ParisDigitalLab

Computer Science specialization program : one semester of agile prototyping at the ParisDigitalLab Incubator, developing three minimum viable products for real-world businesses.

June 2016 - September 2016

### Software Engineering Intern - Front end @Videolabs

Design and development of a (yet confidential) navigator extension in a team of multimedia experts and VLC Core developers building custom multimedia solutions.

September 2015 - February 2017

### Chief Technology Officer @VIA Centrale Réseaux & @ARES

Chief Network and Systems administrator and web developer at VIA Centrale Réseaux, a student NPO that provides IP Networking and Technological services to CentraleSupélec's residence (1500 students, 500k€ budget).

2016 and before

### Design Manager @Raid CentraleSupélec

Graphic charter, Logos, Websites, Posters, Booklets



## Education

Anticipated Degree - 2019

### Master of Engineering @CentraleSupélec

Paris, France

CentraleSupélec (previously, Ecole Centrale Paris) is one of the top three Engineering French Grandes Écoles.

2012 - 2014

### Math & Physics Degree @Lycée Sainte-Geneviève

Versailles, France

Preparation for the highly-competitive nationwide entrance exams for the top engineering schools in France.

2012 - 2014

### French & Lebanese Baccalaureate @Collège Notre-Dame de Jamhour

Jamhour, Lebanon



## Languages

Arabic (Native)  
French  
English



## Projects



Web

### BI dashboards @One2Team

Design and integration of lazy-loaded React BI dashboards in an AngularJS PPM application.  
Webpack • AngularJS • React • Redux • Jenkins

### Data Collection @BernardControls

Retrieval and storage of data from various sensors on electric valves for predictive maintenance.  
Golang • Wi-Fi Mesh • BLE • Raspberry PI • NodeJS

### Lightweight PaaS for Education @Centrale

On-the-fly deployment of containers for 800-student classes for CentraleSupélec's computer science course.  
Docker Swarm • Ansible • Vagrant • Packer • TravisCI

### Open Dynamic Roaming @Cisco

Deployment of a network of Dynamic FreeRadius peers for automatic roaming between APs with different IdPs.  
Networking • Freeradius • OSCP • DNSSEC • EAP

### Upgrading a Virtualization Cluster @VIA

Update the VMs and the computational and storage nodes in production.  
Qemu/KVM • DRBD • ISCSI • GlusterFS • LVM • Linux

### Deploying an Infrastructure @VIA

Architecture design of a network and computing infrastructure with High Availability in mind.  
Networking • Ceph • OpenStack • Security • OAuth



Social

### Construction Worker for the Dalit

Help to build housing for Dalits and non-privileged people in Ariyalur district, Tamil Nadu, India.

### Community Volunteer

Leisure and Integration Activities for Seniors and social awareness campaigns for street children in Beirut, Lebanon.



## Technical skills

Dev { Golang NodeJS Python Java Android  
React Webpack Redux Angular  
Postgres/MySQL Cassandra Kafka MongoDB

Design – Photoshop Illustrator InDesign XD

Devops { Linux Bash Networking Monitoring  
Docker Kubernetes Openstack Ceph  
Ansible Chef CI/CD Gitlab Jenkins Terraform



## Hobbies

