

# Adrien FAURE

Nationality: French

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## DEGREES

### MASTER 2

COMPUTER ENGINEERING  
2015 - 2016 at Grenoble,  
Joseph-Fourier University

### MASTER

FORMATION TECHNOLOGY  
2014 - 2015 at Lyon, Lyon 1 University

### BACHELOR

MATHEMATICS AND COMPUTER  
SCIENCE  
2011 - 2014 at Lyon, Lyon 1 University

### BACCALAURÉAT

2010 at Bourgoin-Jallieu, L'Oiselet  
High School

## TEACHING

### 16 HOURS AT UNIVERSITY GRENOBLE ALPES - 2019

STATISTICS AND VISUALISATIONS  
WITH R

### 46 HOURS AT UNIVERSITY GRENOBLE ALPES - 2018 / 2019

ALGORITHMIC FOR 3RD YEAR  
UNIVERSITY STUDENTS

## COMPUTER SCIENCE

## SKILLS

C, C++, RUST, PYTHON, R, Go, MPI,  
OPENMP, LINUX, NIX, NIXOS, SLURM,  
SPARK, DOCKER

## WORK EXPERIENCES

### MAY 2017 - MAY 2020 | ATOS / UNIVERSITY GRENOBLE ALPES COMPUTER SCIENCE PHD

- HPC, Scheduling, Reproducibility, Simulation, Monitoring, Data Analysis

### SEPTEMBER 2016 - JANUARY 2017 | ATOS RESEARCH AND DEVELOPMENT FOR HPC

- Development of a Slurm simulator

### FEBRUARY 2016 - SEPTEMBER 2016 | INTERNSHIP AT ATOS RESEARCH AND DEVELOPMENT FOR HPC

- Development of a Slurm simulator

### MAY - JULY 2014 | INTERNSHIP AT WIZACHA WEB DEVELOPMENT

- Web dev following agile methodology

## PUBLICATIONS

### HIPS 2020 - IPDS WORKSHOP - SHORT PAPER (ACCEPTED) ONLINE SCHEDULING WITH REDIRECTION FOR INDEPENDENT JOBS

### RESCUE HPC - SC WORKSHOP 2018

CONSIDERING THE DEVELOPMENT WORKFLOW TO ACHIEVE  
REPRODUCIBILITY WITH VARIATION

### COMPAS 2018 - TOULOUSE

EVALUATION OF REALISTIC SIMULATION SCHEDULING ALGORITHMS