XAVIER **CHOPIN**
SOFTWARE ENGINEER

CONTACT

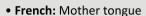📞 +33 6 80 35 46 77

✉️ bonjour@xavierchop.in

📍 Nancy, France

CAREER OBJECTIVE

Looking to gain a position as a Software Engineer
Coming with proficiency in Object-oriented programming, Java, APIs, data warehouse and strong abilities to solve technical problems in a big data and scalable environment.

Reference letters on request.

LANGUAGES

• **French:** Mother tongue

• **English:** Fluent

• **German:** Beginner

INTERESTS

• Music production

• Traveling

• Hackathons

• Cycling

SOCIALS

Github

LinkedIn

WORK EXPERIENCE

UNIVERSITY OF LORRAINE
Data Engineer

Nancy, France
October 2017 - December 2019

Lead developer of big data tools for the French Higher Education system in a machine-learning context.
- Main contributor of a scalable data warehouse Java API for Big Data (Spring-Boot, MongoDB)
- NoSQL data modeling through open standards
- Developed Python scripts for treating large data volumes from SQL, LDAP and CSV sources
- Full-stack development of an i18n PHP web application for a large user population (Symfony)
- DevOps tasks (CentOS/RHEL administration, Git, Docker, Dockerfile, Logstash, CI/CD)
- Speaker (nationwide and international conferences)

SAINT-GOBAIN
Web Architect Intern

Pont-à-Mousson, France
April 2017 - June 2017

Design and development of applications for the Bureau of International Business of Saint-Gobain PAM.
- Full-stack development of an i18n ASP .NET MVC application for translating XML datasheets
- Developed a multilingual iOS application for the sales force (Ionic)

FRENCH MINISTRY OF SPORTS
Full-Stack Developer Intern

Nancy, France
April 2015 - June 2015

Development of a nationwide administrative web application for the French Ministry of Sports at CREPS de Nancy.
- Full-stack development of a PHP application on a LAMP stack for managing a medium population

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EDUCATION

BACHELOR'S DEGREE IN COMPUTER SCIENCE
Valedictorian, Graduated Magna Cum Laude - *"Licence professionnelle CISIIE"*

University of Lorraine, France
2016 - 2017

ASSOCIATE'S DEGREE IN COMPUTER SCIENCE
"Diplôme Universitaire de Technologie en Informatique"

University of Lorraine, France
2013 - 2015

SCIENCE BACCALAUREATE
High School Diploma - *"Baccalauréat Scientifique"*

Lycée Jacques Marquette, France
2013

PROFESSIONAL SKILLS

Advanced: HTML/CSS (Sass), Java (JAX-RS, Spring-Boot), NoSQL (MongoDB), PHP (Symfony), Python, SQL (MySQL, Oracle)

Intermediate: Bash, C, C# (ASP.NET), JavaScript (Vue.js, jQuery), Lua, TypeScript (Angular)

Miscellaneous: Agile (SCRUM), Apache, CI, CD, Docker, Electron, Git, Ionic, i18n, LDAP, Linux, Open-source, object-oriented design, RESTful APIs, SSO (CAS), UML, xAPI

Open-Source:
- Software for converting YouTube videos to .mp3 files (node.js, Vue, ffmpeg)
- Multithreading scripts for Grand Theft Auto V online servers (Lua)
- Augmented Reality iOS application (Ionic, Wikitude, Vuforia)

Freelance:
- PHP web application for an american company to manage their employees (Symfony)
- System Administration (Windows Server, Debian, Apache, Dovecot, SpamAssassin, MySQL)
- E-commerce using Magento