




Alexandre Djerbetian

Full stack Architect

I love clean code and projects with legacy challenges.

My 2 distant goals are to give more seminars and write a coding book.

 adjerbetian
 +33 6 42 57 83 28
 alexandre.djerbetian.com
 alexandre.djerbetian@gmail.com



EXPERIENCE

Software architect

 7/2018 – ongoing

360Learning (30 developers)

- Improved code clarity by evangelizing clean code principles
- Increased test coverage from 25% to 70% with a simple testing framework
- Held monthly team seminars on code architecture and practices
- Empowered squads with domain driven design initiatives
- Automatized the deployment on 5 servers (DevOps practices)
- Migrated 5 repositories to a single monorepo
- Onboarded 6 new members, and confirmed 4

CTO

 1/2017 – 2/2018

Libheros (5 developers)

- Hired, managed and trained a team of 5 developers
- Structured 4 projects: an api in NodeJS, a website site in php, an admin platform in Angular, and mobile app with ionic
- Strengthened the team spirit with a weekly seminar on Clean Code

Freelance Web Development

 3/2016 – 9/2016

PwC

- Created an online fiscal visualization tool for new European regulations
- Worked closely with the client in frequent agile-like cycles

C++/OpenCL programming intern

 2/2013 – 7/2013

e-on software

- Implemented a parallel Path Tracer for 3D rendering
- Read state of the art papers for performance ray tracing on GPU

Math Teacher

 9/2016 – 7/2017

Middle school (6th and 8th grade)

- Taught 2 classes of ~30 pupils for a full academic year
- Animated a movie club where we shot a short-movie
- Created a reinforcement lunch club for weaker students in Math

SOME PROJECTS

 Seminar on code architecture (French)
youtu.be/bT4fmb7XcuA

 Site for coding books quotes
alexandre.djerbetian.com/quotes


 The Payroll Case Study
github.com/adjerbetian/bobs-payroll

OTHER INTERESTS

 **Film directing** (shorts movies, documentaries)

 **Politics & Geopolitics**


 **Volunteering** (especially for teaching math)

 **Playing music** (classical piano and rock)

EDUCATION

Master of Research in Geometry Processing

Technion (Israel)

 2013 – 2016

- Created a new finite elements basis for tangent vectors on triangle meshes.
- Submitted a paper to SIGGRAPH

Master of Science in Computer Science

Ecole Polytechnique (Paris)

 2010 – 2016

TECHNOLOGIES

TypeScript NodeJS VueJS

Cypress git Docker Mongo

SQL Bash Java Kotlin

Cucumber Matlab C/C++

FAVORITE BOOKS

Clean Code book series

Growing Object-Oriented Software

Domain Driven Design

Design Patterns