

Antoine Barbaroux

Developer

Contact

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About

Pragmatic, polyvalent and caring. I like making things, motorcycling, photography & the outdoors.

Profiles

[ubarbaxor](#)

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[icareus](#)

Work

Feb 2022 – Sep 2022

Senior Software engineer, Product/C2B

Building our C2B solutions, spanning from front-end to factory processes.

Highlights

- Frontend
- Backend
- Full-Stack
- Retail
- Logistics
- CI
- CD
- Typescript
- React
- Node
- Python

Feb 2019 – Feb 2022

Software engineer

Bringing our hardware product solutions to the Cloud (AWS, Google, Azure)

Highlights

- Frontend
- Backend

- Full-Stack
- System
- Deployment
- CI
- CD
- LUA
- Linux
- VPN
- Security

Jul 2017 – Jul 2018

Software engineer

Building a platform & a data/ML pipeline for satellite imagery processing

Highlights

- Frontend
- Backend
- Full-Stack
- Web
- Javascript
- ML
- Node.js
- Python
- Keras
- TensorFlow
- MongoDB
- Redis
- GIS
- Geospatial

Jan 2017 – Present

Freelance

I'm offering my services as a freelance consultant since the beginning of last year.

Highlights

- Frontend
- Backend
- Full-Stack
- Web
- Javascript
- CMS

Sep 2016 – Jan 2017

Consultant

Full-Stack & Hybrid mobile app development

Highlights

- react
- flux
- node
- express
- webpack
- es6
- async
- git
- osx
- cordova
- mobile
- agile

Jul 2016 – Jan 2017

Full-Stack JS expert

3 month long SPA / Full-Stack dev training along with contribution to internal project, followed by consulting as a JS expert.

Highlights

- CSS3
- Express
- Koa.js
- HTML5
- react
- redux
- node
- webpack
- promises
- es6
- async
- git
- linux

Feb 2016 – Apr 2016

CTO

Rework and adaptation of a proprietary template, and transition of the startup's website from a stack of loosely coupled webservices into an open-source stack

Highlights

- Weebly
- Typeform
- Google Docs
- HTML

- CSS
- Python
- Django
- Gunicorn
- Linux
- System administration

Oct 2015 – Jan 2016

Intern

Java PoC, Modernization of the development environment, deployment of Dockers for internal services, transition of CI build system from Maven to Ant/Ivy

Highlights

- agile
- Java
- Maven
- Ant
- Ivy
- Jenkins
- Docker
- Salt
- Gradle
- Git
- Liferay
- Thrift
- Vert.X

Jul 2013 – Jun 2015

IT Support / Digital Marketing Management

Occasional technical support, digital communication consulting and audit

Highlights

- hardware
- maintenance
- SEO
- social networking
- Communication strategy
- administration

Jul 2011 – Aug 2011

Valet / Receptionnist

Valet, bellboy, amenities & touristic advice

Highlights

- Luxury
- International

- International
- Valet Parking
- Specific enquiries

Volunteer

Les Irréductibles

Jul 2016 – Jul 2016

Volunteer Companion

Accompanied the choir that sang the National Anthem during 2016's national day in Paris

Highlights

- Accompanied and handled logistics in a group of 100 highschoolers
- Met then-president François Hollande

Education

HEC

Apr 2017 – May 2017

Digital Entrepreneurship

Certificate

Courses

- Design Thinking
- Marketing strategy
- Business strategy
- Social Media Marketing
- Ergonomy
- Acquisition & SEO

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Jul 2013 – Present

Digital Systems Architecture

Projet-oriented, teacher-free

Courses

- Unix
- Web
- Adaptation & Creativity
- Algorithms & AI
- Databases & Data
- Fonctionnal programming
- Graphics
- Group & Interpersonnal relationships
- Imperative programming
- Networks & System Administration
- Object-Oriented Programming
- Organization
- Parallel computing
- Rigor

- Security
- Technology Integration

Universite de Nice/Sophia-Antipolis

Sep 2012 – Jul 2013

Networks & Telecommunication

DUT

Courses

- Communication Protocols
- Signal Processing
- Electronics
- Algorithms
- Communication
- English
- Networks Administration
- Unix systems
- Windows systems

Universite de Nice/Sophia-Antipolis

Sep 2011 – Jul 2013

Medicine

University

Courses

- Histology
- Organic Chemistry
- Quantum Physics
- Cellular Biology
- Pharmaceuticals

Lycée International de Valbonne/Sophia-Antipolis

Sep 2007 – Jul
2011

S / ES

Highschool

Courses

- 2de Générale option économie
- 1re S SVT
- Tle S SVT
- Tle ES option Anglais

Awards

Major League Hacking, jury's selection

Jan 2015

Awarded by Thalmic Labs

Team earned jury's prize for developing a robotic arm controlled via a myoelectric armband.

Publications

CVE-2013-5163

Aug 2013

Published by **Apple**

Found a vulnerability affecting Mac OS X's dscl command, enabling a privilege escalation exploit through bypassing directory ownership.

Skills

Back-End Web Development

Javascript Express Koa
MongoDB Python Flask SQL

Generic Programming

Python C C++ Javascript
PHP5 Fonctionnal Reactive
Version Control Git

Project and Team Management

Screening Recruitment
Interviewing Trello Slack
GitHub

Front-End Web Development

HTML5 CSS3 Javascript
React Redux Flux Polymer

System & Networks administration

Linux Windows Mac OS X
TCP/IP DHCP Wi-Fi Routing

Languages

French

Native speaker

Spanish

Intermediate

English

Fluent

Finnish

Beginner

Interests

DIY & Fabrication

Mechanics RC Avionics
Additive Manufacturing CAD
Welding

Motorcycling

Mechanics Daily Commuting
Long distance Travelling

Nautical sports

Photography

Canon EOS70D Portraits
Travel Skies

Outdoors

Trekking Slackline Highline
Camping

Music

Nautical sports

Catamaran

Windsurf

Wakeboard

Scuba

Diving

Winter sports

Snowboarding

Skiing

Snowmen

Music

Guitar

Trumpet

Saxophone

Piano

Travelling

Tropics

Asia

Arctic

Finland

Northern Africa

Morocco