Amirouche **BOUBEKKI** • amirouche.boubekki@gmail.com • https://hyper.dev • https://github.com/amirouche/

I am a dynamic, meticulous and team player
Software Engineer

Skills

Fluent **Python**

Django, Flask, aiohttp	Several Django projects in production. Good knowledge of Python standard library and ecosystem. Various open source experiments.

Good **Javascript**

jQuery, ReactJS, Redux	Good and practical knowledge of modern JavaScript, graphical user interface and related design patterns. Practical experience working with ui/ux. Various open source experiments.

More

Databases	PostgreSQL, ElasticSearch, MongoDB, REDIS, Neo4J, FoundationDB
Paradigms	Object Oriented, Functional, Constraints, Logic

Work Experiences

2020 2019	**Research & Development @ hyper.dev** - asyncio-foundationdb: Created the Python asynchronous bindings compatible with asyncio for Apple's FoundationDB database, - SRFI-167 (okvs), SRFI-168 (nstore), proposed and standardized an API for working with Ordered Key-Value Store and Generic Tuple Store. There is already three implementations, - guile-babelia: work-in-progress text mining tool, - nomunofu: work-in-progress generic tuple store implementation.
2019 2018	**Marketing @ dolead** - Created a webservice to interop with affiliation platforms, - Started the port to Python of the legacy PHP code responsible for billing customers.
2017 2015	**Security @ olfeo** - Review the code of my peers, - Estimate and design new developments with the team, - Implement new features using Python or JavaScript, - Maintain the whole solution, which lead me to debug bash and C code. My main contributions were: - Paginated tree grid widget for a time series database (javascript) - Dashboard to help monitor application usage (python + reactjs) - Prototype application for collecting unknown urls and categorize them (python + reactjs)

2014 **2013**	**Embedded @ [wyplay](#)** - Design new features, - Document the project, - Review the code of my peers, - Maintenance of the software serving several millions of customers. I was also doing performance, stability and stress tests.
2012 **2011**	**High-traffic website @ [liberation.fr](#)** Design, development, tests and documentation of applications with Libération team, all of them used in production: [django-swallow](#) and [django-carrier-pigeon](#) an ETL framework, [django-admincommand](#) make it possible to launch management commands from the admin interface, now used at [BackMarket](#), [django-sneak](#) make it possible to use the django admin on any object, [django-favorites](#), generic framework to add a favorite feature to an application and implementation in the [frontend](#), [django-emailvision](#), python library to access the emailvision REST API - other contributions: [django-notification](#), [django-extended-choices](#) and [django-locking](#). ● HTML and CSS improvements to Cannes 2011 to build Cannes 2012.

Education

2009 - 2011	**Master's degree specialising in software development & integration** Université d'Aix-Marseille II, Marseille, FRANCE

More Experiences

Frontend	- [ff.js](#): Function-based state manager for ReactJS, - [Alpha-scroll-select](#), an improved select user experience, - [Reactive-menu](#), an improved long-read user experience.
Database	- [hoply](#): Long effort to put together a multi-model database, - [datae](#): Quad store versioned in a Directed-Acyclic-Graph, - Various experiments around search engines in the spirit of Whoosh, Lucene, Sphinx.
Data Science	- [sensimark](#): text classification using spacy's word vectors and scikit-learn.
Compiler	- [pythonium](#): Python to JavaScript compiler (used to have 600 stars), - [ruse](#): Scheme to JavaScript compiler.

Interests

Science & Fiction ● Artificial Intelligence & Natural Language Processing ● Knowledge & Sharing