Celine Bursztein

Full Stack Software Engineer

CONTACT

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in LinkedIn profile
🌐 https://celine.im

WORK EXPERIENCE

Etteilla Foundation https://etteilla.org

Nonprofit dedicated to preserving and promoting the cultural heritage of playing cards.

Full Stack Software Engineer - Volunteer   01/2022 – Present

- Wrote Front end with Python/Starlette, ReactJS/Typescript.
- Wrote Back end with Python/Flask/FastAPI, SQLAlchemy, MySQL.
- Docker containers hosted in Kubernetes on Azure.

Cyber Security Technologies Foundation https://cysectech.org

Non profit dedicated to helping bring trust into the cyberworld.

Full Stack Engineer & Co-Founder   02/2018 – 02/2023

- Created from the ground up TrueTesting https://truetesting.org
- Wrote Front end with Python/Starlette.
- Wrote Back end with Python/Flask, SQLAlchemy, MySQL.
- Docker containers hosted on Azure App Services for Containers.

ClearGene https://cleargene.com

RNA Diagnostics from Cancer to COVID.

Software Engineer & Data scientist   07/2020 – 08/2020

- Designed web app to run PCR primers alignments with all genomes from respiratory pathogens.
- Wrote Web UI for submissions and reports with PDF export.
- Python web apps running in docker containers on GCP.

PetSquare

Search engine for animal owners.

Software engineer & Founder   2014 – 2020

- Wrote Front end in VueJS.
- Wrote Back end in Python/Flask, MySQL.
- Docker containers running on Google AppEngine.

PREVIOUS EXPERIENCE

Web developer https://elie.net   2012 – 2020
Software Engineer, Orange Labs, France   05/2011 – 05/2012
Software Engineer, Schneider Electric, France   09/2010 – 12/2010

SKILLS

Front End
- Javascript, Typescript
- ReactJS, VueJS, NextJS
- Webpack, Node, NPM
- CSS, SASS, Tailwind, Bulma

Back End
- Python
- Php
- Docker, Containers
- Linux, Windows, MacOS

Cloud & Services
- GCP, Azure, AWS
- PubSub, Firebase
- Vercel
- Serverless, Cloud Functions

Databases
- MySQL
- BigQuery

Tools
- Git, CI/CD
- VSCode, R Studio
- Jupyter Notebook

EDUCATION

Université Grenoble Alpes
MS Computer Science
2007 - 2008
PhD Structural Biology
2004 - 2008

VOLUNTEERING

NASA Space Apps (2023)
- Local organizer

Hacker Dojo (2016-2019)
- Board member
- Network Admin

Usenix Security (2015-2016)
- Android and Web developer

HOBBIES

- Electronic music production
- Video games
- Computer Security
- Snowboarding

LANGUAGES

- English (Fluent)
- French (Native)