Benoit Bogdan SACHART

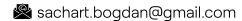✉ sachart.bogdan@gmail.com   ☎ +(33) 06 0259 6407   💼 bog-ii.github.io/portfolio/

Education

B.Sc. in Computer Science • Université de Franche-Comté
Belfort, France
Sept. 2020 – May. 2023
Current Rank: 2nd/88
Relevant Coursework: Data Structures & Algorithms, Databases, Discrete mathematics, Statistics

Work Experience

JPMorgan Chase • SWE Intern
`Java` `JavaScript`
London, United Kingdom
Apr. 2022 – June. 2022

Own Company • CEO
`TypeScript` `Sass` `HTML`
France
Apr. 2019 – Oct. 2021
Created a company that generated 2796€ of income by selling showcase websites and graphic identities to lawyers & notaries

Skills

Proficient: Python • Java • TypeScript • JavaScript • React.js • Express • HTML • CSS
Convenient: SQL • JUnit • Jest • GIT • Docker • Sass • Node.js • Figma
Interest: Golang • Dart • Flutter • Svelte.js • Next.js • Redis • Cassandra • ElasticSearch

Relevant Projects

Google Docs Clone
`TypeScript` `Express` `React.js` `PostgreSQL` `TypeORM`

- Cloned the online document editor Google Docs with React.js
- Permitted the user to authenticate with email or Google and Facebook Connect using Passport.js
- Integrated the real-time collaborative work and automatic document backup with MangoDB
- Implemented the feature of sharing read and write permissions using PostgreSQL

Memory Game
`Java` `Swing`

- Built a Memory game composed of 263 international flags from different countries and cities
- Incorporated 3 difficulties and player score tracking
- Designed & engineered the Memory by following the MVC pattern

Flappy Bird & A.I.
`Python` `Pygame` `Neat-Python`

- Programmed a Flappy Bird game using Pygame and trained a Neural Network to play it concurrently per series of 100 birds using the ReLU activation function
- The NN stay alive forever after 7 series in average

Articles Scraping & Translation
`Python` `BeautifulSoup`

- Fabricated an articles web scraping tool using BeautifulSoup that only need the URL of the article and a valid attribute selector to scrape the content
- Permitted the user to translate the scrapped content to any languages available by the pyGoogleTranslate api and save it in txt or markdown format

Competition & Awards

Chess Awards

- Won 10+ regional chess competitions and organized 20+ chess tournaments
- Managed as captain a team of 8 players in a national division chess tournament for youngsters that always finished on the podium over 12-16 teams for 3 years in a row

Top 300 at "Clash of Code" on CodinGame
codingame.com
Nov. 2021