Rayane Tayache

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EDUCATION

University Of Strasbourg   Strasbourg, FR
Bachelor of Computer Science | GPA: 13.5/20   *Expected June 2024*
- Related Coursework: Data Structures and Algorithms, Java OOP, Web Applications, Computer architecture, Functional programming, Calculus, Linear Algebra.
- Activities: HackThe6ix, //Slash Hack, HackaTUM, GitHub Field Day London

TECHNICAL SKILLS

Languages: JavaScript, Typescript, C, C++, Python, Java, Haskell, Bash, Assembly, SQL.
Framework/Tools: ReactJS, MongoDB, NodeJS, HTML, TailwindCSS, Git, Figma, Makefile, LaTeX, Vim/VsCode
Human Languages: English (Fluent), French (Native), German (Elementary)

EXPERIENCE

Software Developer Intern   June 2022 – July 2022
42 Berlin   *Berlin Area, DE*
- Developed and designed an Intelligent Integer Interpreter and a Sky-Scrapper Solver and along the way I re-created entire C libraries such as <stdlib.h > and <string.h>
- Implemented a task automation algorithm using Bash and Shell command, established daily saving time for software developers up to 9%.
- Succeeded and certified with 40 Fellows among 140 participants!

Math Tutor   November 2020 – February 2021
High School Math Society   *Strasbourg, FR*
- Taught/Helped a group of 8 students in Statistics/Probability/Mathematical series/Scalar product, at High School Of Marie Curie.

PROJECTS & AWARDS

Track | *ReactJS, NodeJS, MongoDB, ExpressJS, TailwindCSS*   August 2022 – Present
- Track is an expense tracker that enables collaboration between people when budgeting. Different peoples in a group are able to plan their expenses, and the data is automatically compiled together.
- Led a Team of 4: designed overall website, implemented responsive pages, authentication system and contact form using EmailJS
- Winner out of 300+ Hackers @ HackThe6ix '22 (First Hackathon)

RidOf | *ReactJS, Flask, YOLOv3, Pillow, ProtoBuf, MySql*   September 2022 – Present
- RidOf is an educational web application aimed at simplifying the process of recycling the objects of your daily life.
- Developed and designed the core frontend, Landing page/Explore Page/Item Page/FAQ Page, used webcam-react to give information to proceed with YOLOv3 AI, and react-routerv6.
- Achieved 3rd place out of +200 Hackers and +40 Teams @ //Slash Hack '22

Intelligent Integer Interpreter | *C, Make*   July 2022 – Present
- Led team of 3: organized meetings, delegated tasks, helped teammates debug.
- Implemented an algorithm capable of taking the numerical form of an integer and returning his alphabetical form in the Terminal extracting information from a dictionary

Sky-Scrapper Solver | *C*   June 2022 – Present
- Developed an algorithm capable of solving the sky-scrapper game using backtracking leading to a final grade of 100%

LEADERSHIP & INTEREST

- Co-Organiser @ GitHub Field Day Berlin 2022, Tech Event Organiser @ AIUS
- Hackathon Enthusiast, Runner, Hiker, Traveller, Chess Player