CLASSEN ALEX
Computer Science Student

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SUMMARY

I'm a computer science student from Luxembourg studying in Innsbruck since winter 2022. I'm passionate about computer science with a focus on innovation and efficency. Furthermore, I found interests in the future of AI, particularly in cutting-edge technologies like digital twin systems. I serve as a treasurer for a youth organization in Luxembourg, a board member for IT at Innsbruck Academic Exchange Association, and actively contribute to the student council at the University of Innsbruck's technology campus.

EXPERIENCE

7/2024 – 8/2024 **Fullstack Software Developer**   **i-Hub, Luxembourg**
- Completed a summer internship at i-hub Company, where I enhanced my frontend development skills and contributed to improving internal processes

`Angular  /  RxJS  /  RabbitMQ  /  SprintBoot`

8/2023 – 2/2024 **Backend Software Developer**   **Accenture, Austria**
- Developing and operating software for our bank solutions team.
- Working with old legacy code to the modern cloud infrastructure.

`Data and Probabilities  /  Algorithms and Data Structures  /  Operating Systems  /  OOP`

8/2023 – 2/2024 **Research Project Assistant**   **University of Innsbruck, Austria**
- Research work on new architectural patterns for construction of a middleware that makes seamless integration and interaction between systems possible.
- Learning how to read, write and work with research papers.

`AI  /  LLM  /  DevOps  /  Cloud Applications`

EDUCATION

9/2022 - 7/2025 **Bachelor of Science in Computer Science**   **University of Innsbruck, Austria**
I am currently pursuing a Bachelor's degree in Computer Science. Through this program, I have gained comprehensive knowledge in diverse areas of computer science, including programming, algorithms, data structures, and software development.

9/2015 - 7/2022 **High school diploma**   **Lycée Privé Emile Metz, Luxembourg**
In my seven years at the Lycée Privé Emile Metz school in Luxembourg, I learned everything from technical subjects to computer science. My last two years were focused on computer science. There they dealt with network communication, databases, programming with Java and IOT.

LANGUAGES

- **English** - B2
- **German** - B1
- **French** - B1
- **Luxemburgish** - native

SKILLS

Languages: **Java**, C, Python, ARM Assembly, Haskell, Julia, R, SQL.

Technologies: Spring (SpringBoot), MySQL, PostgreSQL, Maven, JavaEE, JUnit, Mockito, CI/CD, Git, Docker, Kubernetes, Angular, RabbitMQ.

PROJECTS

Spring Boot   **Associify**
Associify is a project I developed to simplify the management of associations, particularly those I work with. It streamlines membership management and finance tracking, making it easier for associations to keep records organized and financial transactions transparent

`StripeAPI  /  Angular  /  CI/CD  /  SpringBoot`

Spring Boot   **Member Management Application**
One of my key projects involves the creation of a Member Management Application utilizing Spring Boot. This project serves as an learning experience. Furthermore, it is set to play a crucial role within the two associations I actively engage with, offering a streamlined solution for managing our memberships efficiently.

Spring Boot   **Weather Data Application**
                Weather data application with custom user management system, including subscriptions and billings.
                Introduced methods to reduce API requests to third parties.
                SpringBoot / Primefaces / CI/CD / SonarQube

INTERESTS

- Finance
- Dodgeball, Biking, Skiing
- Automating things in my life
- Aerospace