LUCIE YE

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SUMMARY

Developer with dual master's degree in **Software Engineering** & **IT and Mgmt**. Experience working in **JavaScript**, **SQL** and **frontend** frameworks (**Angular & React**), with a proven track record of implementing **unit tests** and **end-to-end tests**. Seeking challenging roles in dynamic environment where learning and continuous growth are valued.

SKILLS

- **Programming Languages** – JavaScript | TypeScript | Python | Java | C | HTML 5 | CSS | PHP
- **Databases** – SQL | Postgres | MySQL | MariaDB | NoSQL | MongoDB | Database normalization
- **Frameworks** – Node | React | AngularJS | NextJS | ExpressJS | Java Spring | Selenium | JUnit | TestNG
- **Technologies & Tools** – RESTful API | GraphQL | CI/CD | Jenkins | Docker | GitHub | BitBucket | WordPress
- **Methodologies** – Agile | Scrum | Git | Atlassian Jira | Confluence | BitBucket | Debugging | UI/UX
- **World Languages** – English | French | Chinese | German

EDUCATION

Illinois Institute of Technology, Chicago, Illinois   Aug 2023 – May 2024
Master of Information Technology and Management, Web Design & Application Development | GPA **4.0**/4.0
Coursework: *Full-Stack Development, Front-end Development, Back-end Development, JavaScript/Node.JS Web API (NPM and YARN), Web Systems Architecture, Software Development Life Cycle (SLDC), Human-Computer Interaction*
Award: **Outstanding Student** in IT & Mgmt, Web Design & Application Development (2023-2024)

ESEO (École Supérieure de l'Électronique de l'Ouest), Angers, France   Sept 2019 – June 2023
Master of Computer Science, Software development & Database Management | GPA **3.7**/4.0
Coursework: *Object-Oriented Software Development, Java Development, Software Testing, Relational Databases, Java RESTful API & Microservices, CI/CD Deployment & Pipelines, Client-side and server-side Project, Web development, Agile methodologies*

EXPERIENCE

JAVA INTERN – *'adesso insurance solutions' GmbH, Cologne, Germany*   Aug 2022 – Nov 2022
- Reduced cost by **$30,510** per product release: automated **integration tests** with Spring Boot framework project.
- Tested **6 modules** on **3 Docker images** with JBoss and PostgreSQL databases **in 3 weeks**.
- Corrected 2 authentication tickets of the **Angular** frontend in 3 days.

PROJECTS

FULL-STACK APPLICATION – *ESEO Graduate School, Angers, France*   Feb 2023 – Jun 2023
- Led **agile team of 7** as Product Owner for **3 Sprints in 12 weeks**, delivering **25% ahead of schedule**.
- Fulfilled **86 user stories** to design, implement & test the Maven **Spring Boot** web application.
- Developed 20+ unit tests and **10+ end-to-end Selenium** tests, ensuring 100% code quality on SonarQube.

SQL DATABASE DESIGN – *ESEO Graduate School, Angers, France*   Mar 2023 – Apr 2023
- Designed and implemented 5 SQL tables to handle employee requests.
- Optimized queries by using 7 SQL views, 4 constraints, and 6 triggers to ensure 100% database integrity.

VOLUNTEER EXPERIENCE

CO-FOUNDER – *PeDro Les Entrep', Angers, France*   Oct 2021 – Mar 2022
- Created PeDro, a **drone kit** focused on scientific popularization for children, **in 6 months**.

PRESIDENT – *ESEONI student club, Angers, France*   Sept 2021 – June 2023
- Led **21 students** to organize **13 culturally enriching events** over **2 years**.