

LUBIN YE

EU work permit | Available from January 2025

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About

I love leveraging technology to drive innovation and enable businesses to thrive. My focus lies in building software solutions that empower users to achieve more than ever before. I have a curious mindset and eagerness to learn when facing new challenges.

Skills

- **Programming languages:** Java | C++ | C | Python | HTML | CSS | TypeScript | Swift | LaTeX | SQL | Haskell | Solidity | OOP
- **Technologies:** Git | AWS | Google Cloud | Docker | TensorFlow | MySQL | React | Gitlab | VS Code | Clion | Eclipse | Jira
- **Languages:** English (C1 Advanced), Spanish (Native), Chinese (Native), German (Beginner)

Professional Experience

Software Engineer Intern	Itestra	06/2024 – Present
<ul style="list-style-type: none">• Working on the development of a multiple enterprise-level microservice application using cutting technologies.• Developing web app front-end enhancing user experience using React, Bootstrap and Ant Design.• Diagnosing and resolving back-end issues calls to API improving efficiency and performance using Java, Postgres and Grafana.		
R&D Software Engineer Intern	ITI (Investigate To Innovate)	06/2023 – 08/2023
<ul style="list-style-type: none">• Led the development of an algorithm for human detection using YOLOv5 detection model.• Developed a human identification algorithm using ROS and C++ for an autonomous TIAGo robot.• Automated robot-generated data analysis with Python, transforming it into visual representations for core experiments.• Optimised detection accuracy by 30% by simulating real life environments using rosbag and rviz to conduct experimental tests.		
Tech Content Creator	YouTube & itslubin.com	03/2020 – Present
<ul style="list-style-type: none">• Grew channel to 2.1 million impressions in 1 year; created videos and blogs on tech, university life, career advice, coding.• Conducted A/B testing on titles and thumbnails; increased channel views 240k+ in 9 months.		

Projects

Stocks Analytics	2024
<ul style="list-style-type: none">• Created a stock market data analysis app and designed a commercial website for product demo and performance report.• Increased data sorting efficiency by using Python and PySpark from 3 large datasets (150GB).• Deployed software on Google Cloud with Dataproc clusters for a cohesive and scalable solution.	
GetPizza Application	2023
<ul style="list-style-type: none">• Developed a food delivery app using Java, HTML and Redis NoSQL database for user and order storage.• Led team workflow and coordinated tasks among teammates to meet deadlines using GanttProject.• Organized weekly meetings to discuss work in progress and analyse product results.• Created Software Requirements Specification (SRS) and UML diagrams for client documentation.	

Education

Bachelor of Computer Science	Universidad Complutense de Madrid	Graduating June 2025
<ul style="list-style-type: none">• Coursework: Artificial Intelligence, Cloud & Big Data, Blockchain, Cybersecurity, Data Structures & Algorithms, Scripting & Programming• Skill Certificates: Networking, Personal Branding, Time Management, Presentations• Honors: awarded scholarship and achieved excellent academic performance (MH) in Calculus (9'5/10), Computer Structures (10/10) and Concurrent Programming (9'1/10)		

Leadership & Activities

- **University Mentor:** helped and provided guidance to freshmen computer science students as a mentor during their first term.
- **MUN Delegate:** represented and defended a country's position and interests at the United Nations Development Programme.
- **Madrid In Game Hackathon:** led a 2D puzzle game project in a 5-member team at a Hack Jam under 48 hours.