

# 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
- **Technologies:** Git | AWS | Google Cloud | Docker | TensorFlow | MySQL | Postgres | React | Hibernate Envers
- **Languages:** English (C1 Advanced), Spanish (Native), Chinese (Native), German (Beginner)

## Professional Experience

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

## Projects

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

## Education

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

## 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.