

# JAN SIRUI CHEN



## Personal Information

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- Phone: +49 15142076344
- Address: Kaisermantelstr.12, 80939, Munich
- Birth date: 23.05.2005

## Working Experience

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### Software Engineering Intern

01.2026 – present

*Comena (YC S25) / Munich*

- Built full-stack PDF source highlighting feature using Gemini AI vision to extract bounding box coordinates, enabling instant verification of extracted order data against original documents
- Integrated Google Gemini 3 Flash with high-accuracy mode for precise document analysis, implementing coordinate conversion and React-based highlight overlay with scroll-to-view UX

### Software Engineering Intern

10.2025 – 01.2026

*NOA Intelligence (venture-backed Startup) / Berlin*

- Architected production event-driven queue system using PostgreSQL and pg\_cron for processing thousands of webhooks with SOP-based dynamic routing.
- Designed and implemented autonomous data collection AI agent using LangGraph with tool delegation, quality validation, and structured error handling.
- Built LangGraph workflow for automated data ingestion, reducing complexity by 58% (12 → 5 nodes) while adding duplicate detection and MongoDB indexing.
- Developed Salesforce integration module with SOQL query builder, injection prevention, and full test coverage for enterprise data sync.
- Built Pipedrive CRM batch processing pipeline reducing API calls by 80% through intelligent batching.
- Built LLM evaluation framework to benchmark model accuracy, reliability, and cost across prompts and models.
- Created custom Claude Code plugin for engineering team within days of feature release.

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<b>Teaching Assistant (TA)</b>	03.2025 – 07.2025
<i>Chair of Software Engineering &amp; AI at the Technical University of Munich</i>	
<ul style="list-style-type: none"> <li>Independently designed and taught a 2-hour lecture series on LLM Fundamentals (Transformer Architecture, SFT, RLHF etc) for a cohort of 40 students, including Master Candidates, for the Seminar Security of LLMs. Translated complex technical concepts into intuitive storylines to enable student research on LLM security.</li> <li>Appointed as youngest TA (3<sup>rd</sup> Semester BSc.) in the chair's history, selected amidst PHD-level peers based on advanced expertise.</li> </ul>	
<b>Product Intern &amp; First Employee</b>	02.2023 - 08.2023
<i>Moonblock (venture-backed Startup)   Munich</i>	
<ul style="list-style-type: none"> <li>Drove the development and maintenance of the core product's database - the backbone of a proprietary market intelligence tool tracking NFT projects for Fortune 500 clients.</li> <li>Built and deployed automated data pipelines using web scraping (python) and pandas for data analysis and integrity.</li> </ul>	
<b>Founding Team Member &amp; Head of Analysis</b>	04.2022 – 10.2022
<i>Unfiltered (Startup)   Singapore, Hybrid</i>	
<ul style="list-style-type: none"> <li>Pivotal role in shaping the product strategy and vision for B2B SaaS platform, directly contributing to its rapid growth to \$240,000 MMR.</li> <li>Developed and implemented the core analytical function of the product for a user base of over 300,000 members, by leading the evaluation of financial and sentiment data of NFT collections.</li> </ul>	
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<b>Education</b>	
<b>Bachelors in Information Engineering (B.sc)</b>	10.2023 - present
<i>Technical University of Munich</i>	
Relevant coursework: Seminar Security of LLMs (1.0), Introduction to Reinforcement Learning (1.7), Design Thinking (1.3), Fundamentals of Programming (1.0)	
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<b>TUMKolleg Program</b>	09.2021 - 06.2023
Selected for the collaborative program between the Technical University of Munich and the Werner-Heisenberg-Gymnasium Garching, promoting exceptionally talented students in the final 2 years of Gymnasium.	