

Cheng Qian

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PROFESSIONAL SUMMARY

Computer Science Master's candidate with practical experience in **FMCG smart manufacturing, industrial IoT, compliance IT, and process automation**. Currently supporting ThingWorx-based digitalization initiatives at **P&G's Rakona manufacturing plant**, focusing on production visibility, sensor-data dashboards, and operational monitoring. Previous experience across **HSBC, Apple, and Huawei**, with strengths in stakeholder communication, workflow digitalization, and multilingual collaboration.

EDUCATION

- **Humboldt University of Berlin (US News World Ranking #47, #1 in Germany)** Berlin, Germany
M.Sc. in Computer Science Apr. 2023 – Oct. 2026
 - Focus: Industrial Digitalization, Process Science, Supply Chain 3.0, Data Science
 - Relevant Coursework: Business Process Automation, Reliable System, Visual Analytics, AI in Chemistry, Psychology in Informatics, Cognitive Robotics, Process Mining
- **University of Zurich** Zurich, Switzerland
Exchange Student Sep. 2024 – Feb. 2025
 - Selected as the sole faculty-nominated exchange student for the academic year.
 - Focus: Data Science and Blockchain Technology
- **Guangdong University of Technology** Guangzhou, China
B.Eng. in Computer Science and Technology Sep. 2016 – Jul. 2020
 - Focus: Big Data, Software Engineering, Mobile Development

PROFESSIONAL EXPERIENCE

- **Procter & Gamble (P&G)** Rakovník, Czech Republic
IIoT / Smart Manufacturing IT Intern May 2026 – Present
 - Supporting the digitalization of **13 FMCG production lines** by developing ThingWorx-based industrial applications to replace manual tracking with real-time production visibility.
 - Developing JavaScript-based dashboard components integrating high-frequency sensor data from **PRD manufacturing databases**, enabling plant teams to monitor bottlenecks and production performance.
- **HSBC** Guangzhou, China
Compliance IT & Process Automation Intern Oct. 2025 – Apr. 2026
 - Supported internal compliance-system development aligned with PBOC regulatory requirements by modeling workflows in BPMN.
 - Introduced Playwright-based automated testing solutions, significantly cutting manual regression testing effort by approximately **70%**.
- **Huawei Germany Flagship Store Berlin** Berlin, Germany
Technical Consultant (Working Student) Sep. 2023 – Jun. 2024
 - Conducted cross-cultural technical consulting, gathering user requirements and troubleshooting complex device-to-cloud ecosystem issues.
 - Recognized as a **top-performing** student consultant through strong stakeholder communication and engagement.
- **Apple Inc.** Guangzhou, China
Consulting Specialist Aug. 2021 – Feb. 2022
 - Maintained **team #1 NPS** by translating complex technical architectures into user-friendly digital strategies and driving the adoption of business solutions.
 - Identified and generated **the most number of high-quality business leads** while supporting users across Apple ecosystem integration.

LEADERSHIP & ACTIVITIES

- **AIESEC – Global Volunteer** Sri Lanka; China
Global Volunteer & Local Team Leader *Jul. 2017 – Aug. 2017*
 - Directed multicultural volunteer teams to execute social impact initiatives within the Guangzhou community.
 - Volunteered in "I Respect You 5.0" project in Colombo, Sri Lanka, participating in events aligned with the 17 UN Sustainable Development Goals.
- **iOS Club – Co-Founder** Guangzhou, China
Founder & Community Organizer *Oct. 2017 – Sep. 2019*
 - Established and scaled a university tech community to 50+ members, fostering a culture of iOS mobile development and UI design.
- **English Club** Guangzhou, China
Oral English Department Leader *Oct. 2017 – Oct. 2018*
 - Designed and facilitated daily English speaking workshops, enhancing the cross-cultural communication skills of 200+ members.

TECHNICAL & BUSINESS SKILLS

- **Industrial Digitalization:** ThingWorx, PTC, Industrial IoT, Process Automation, BPMN
- **Programming Stacks & Methodologies:** Java, JavaScript, Python, SQL, Swift, ERP Systems, Playwright, LLM Development
- **Professional Skills:** Cross-functional Collaboration, Stakeholder Communication, Multicultural Teamwork, Business Development, Agile Development Methodology

LANGUAGES & HOBBIES

- **Languages:** Mandarin (Native), English (C1/C2, DAAD certified), German (C1, DSH-2 certified), Cantonese, Spanish (Basic)
- **Hobbies:** Volunteering, Volleyball, Hiking, Photography, Boxing, Collecting postcards and city mug cups around the world